Natural Sciences and Engineering
Research Council of Canada

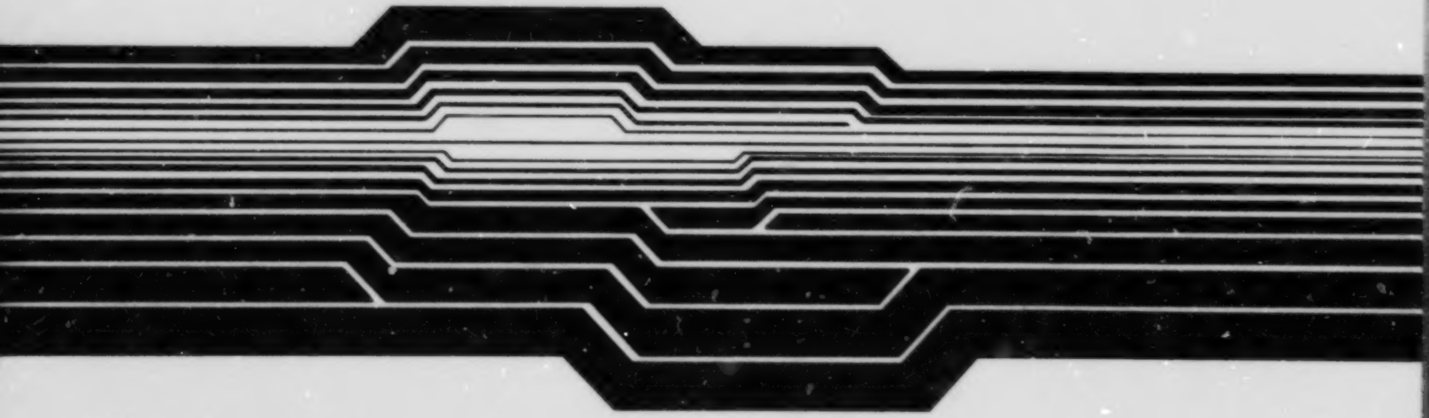
Conseil de recherches en sciences
naturelles et en génie du Canada

LIST OF SCHOLARSHIPS AND GRANTS IN AID OF RESEARCH

(APPENDIX TO THE
REPORT OF THE PRESIDENT)

LISTE DES BOURSES ET SUBVENTIONS DE RECHERCHE

(APPENDICE AU
RAPPORT DU PRÉSIDENT)



1983-84

Canada

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1983-84

FOREWORD

This publication has been prepared as a companion document to the Report of the President of the Natural Sciences and Engineering Research Council for 1983-84. It contains the list of all grants and scholarships awarded by NSERC for 1983-84. It also includes those awards administered by NSERC on behalf of other agencies. Certain sections of the Report of the President containing the program description and statistical information have been repeated so that this document will give a complete account of Council's activities.

Detailed descriptions of the programs offered by the Council may be obtained by consulting the following NSERC publications: Report of the President of the Natural Sciences and Engineering Research Council, Awards Guide, Scholarships and Fellowships Guide and the newsletter CONTACT.

For further information on the activities of NSERC, please contact:

NSERC Information Officer
200 Kent Street
Ottawa, Canada K1A 1H5
(613) 995-5992

AVANT-PROPOS

Cette publication vient compléter le Rapport du Président du Conseil de recherches en sciences naturelles et en génie (1983-1984). Elle contient la liste de toutes les subventions et bourses accordées par le CRSNG pour l'année 1983-1984. Elle comprend également les bourses administrées par le CRSNG au nom d'autres organismes. La description du programme et certaines statistiques présentées dans le Rapport du Président ont été reprises pour que ce document constitue un compte rendu complet des activités du Conseil.

On peut trouver des descriptions plus détaillées des programmes offerts par le Conseil en consultant les publications suivantes du CRSNG: le Rapport du Président du Conseil de recherches en sciences naturelles et en génie, le Guide des subventions, le Guide des bourses et la revue CONTACT.

Pour de plus amples renseignements sur les activités du Conseil, prière de communiquer avec:

l'Agent d'information du CRSNG
200, rue Kent
Ottawa, Canada K1A 1H5
(613) 995-5992

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DESCRIPTION OF THE PROGRAM

DESCRIPTION DU PROGRAMME

DESCRIPTION OF THE PROGRAM

OBJECTIVE

The objective of the Program of Scholarships and Grants in Aid of Research is to promote and support the development and maintenance of research in the natural sciences and engineering and to ensure the provision of highly qualified manpower in these areas.

The subobjectives are:

- to support excellence in research for the creation of new knowledge in the natural sciences and engineering;
- to promote and support the development of research in selected fields of regional and national importance;
- to assist in the provision and development of highly qualified manpower.

ACTIVITIES

The Program of Scholarships and Grants in Aid of Research is divided into six broad activities:

- Research Grants
- Research Infrastructure Grants
- University-Industry Program
- Developmental Grants
- General Research Support
- Research Manpower Awards

NSERC also administers a number of programs on behalf of other agencies.

FIELDS OF RESEARCH SUPPORTED

The fields of research supported by the Natural Sciences and Engineering Research Council currently include, but are not necessarily limited to:

Agriculture
Astronomy
Biology
Biotechnology
Chemistry
Communications
Computing and Information Science
Energy
Engineering
Environmental Toxicology
Food Science
Forestry
Geography – Physical
Geology
Industrial Processes
Kinesiology
Materials Sciences
Mathematics – Pure and Applied
Metallurgy
Meteorology

DESCRIPTION DU PROGRAMME

OBJECTIF

L'objectif du Programme de bourses et de subventions de recherche est de promouvoir et de faciliter le développement et le maintien de la recherche ainsi que l'apport d'une main-d'œuvre hautement qualifiée dans le domaine des sciences naturelles et du génie.

Les sous-objectifs sont:

- de soutenir l'excellence de la recherche pour la création de nouvelles connaissances dans le domaine des sciences naturelles et du génie;
- de promouvoir et de faciliter le développement de la recherche dans des domaines choisis qui sont d'une importance régionale et nationale;
- de contribuer à l'apport et à la formation d'une main-d'œuvre hautement qualifiée.

ACTIVITÉS

Le programme de bourses et de subventions de recherche comporte six grandes activités:

- subventions de recherche
- infrastructure de la recherche
- programme conjoint universités-industrie
- subventions de développement
- aide générale à la recherche
- formation et perfectionnement de chercheurs.

De plus, le CRSNG administre un certain nombre de programmes au nom d'autres organismes.

DOMAINES DE RECHERCHE SUBVENTIONNÉS

Les domaines de recherche subventionnés par le Conseil de recherches en sciences naturelles et en génie comprennent, entre autres, les disciplines suivantes:

Agriculture
Astronomie
Biologie
Biotechnologie
Chimie
Énergie
Foresterie
Génie
Géographie (physique)
Géologie
Informatique
Kinésiologie
Mathématiques pures et appliquées
Métallurgie
Météorologie
Océanographie
Physique
Procédés industriels
Psychologie expérimentale
Recherche spatiale

Nuclear Science
Oceanography
Physics
Psychology – Experimental
Space Research
Statistical Sciences

PROGRAM DESCRIPTION AND OBJECTIVES

Research Grants

NSERC Research Grants are awarded to individuals and groups of university professors for research expenses in support of a spectrum of research activities. Grant applications are adjudicated by experts on the basis of the research excellence of the applicants and the quality of the research proposals. In some programs, the relevance of research projects to selected areas of national concern or to industry is a third criterion.

Individual, Team and Project Operating Grants

The overall objective of operating grants is to assist in the creation and maintenance of a diverse and high quality research capability in the natural sciences and engineering in Canadian universities.

- Individual Operating Grants foster individual research excellence and provide a stimulating environment for research training.
- Team Grants foster research excellence for groups of researchers working on common projects and provide a stimulating environment for research training.
- Project Grants foster excellent university research in sub-atomic physics through the support of research activities requiring the use of specialized facilities located in Canada and abroad.
- Co-op Grants encourage increased and continuous interaction among excellent researchers through supplementary funds for a limited number of new and highly significant research projects. (Being phased-out.)

Operating grants, Council's largest single initiative, represent the major source of funding for discipline research (both pure and applied) in Canadian universities. This type of endeavour constitutes the foundation of a large part of Canada's research effort.

New Research Idea Grants

The objective of new research idea grants is to assist university professors in following up without delay new and exceptional research ideas arising out of an ongoing research program and which require a temporary source of additional funds.

Sciences de l'alimentation
Sciences des matériaux
Sciences nucléaires
Statistiques
Télécommunications
Toxicologie de l'environnement

DESCRIPTION ET OBJECTIFS DES PROGRAMMES

Subventions de recherche

Les subventions de recherche du CRSNG sont accordées à des chercheurs individuels ou à des groupes pour payer les frais de recherche et d'appareillage relatifs à diverses activités de recherche. Les demandes de subventions sont évaluées par des experts en fonction de l'excellence des chercheurs et de la qualité de leurs projets de recherche. Dans quelques programmes, la pertinence socio-économique des projets relativement à certains domaines d'intérêt national ou à l'industrie est un troisième critère.

Subventions pour dépenses courantes individuelles, d'équipe et de projet

L'objectif global des subventions pour dépenses courantes de recherche est de contribuer à la création et au maintien d'activités de recherche diversifiées et de haute qualité en sciences naturelles et en génie dans les universités canadiennes.

- Les subventions individuelles favorisent la recherche individuelle de haute qualité et fournissent un environnement stimulant pour la formation de chercheurs.
- Les subventions d'équipe favorisent la recherche collective de haute qualité et fournissent un environnement stimulant pour la formation de chercheurs.
- Les subventions pour projets de recherche favorisent la recherche de haute qualité en physique subatomique, en appuyant des activités de recherche qui exigent l'emploi d'installations spécialisées situées au Canada et à l'étranger.
- Les subventions coop encouragent une interaction plus soutenue et continue entre des chercheurs éminents en accordant des montants supplémentaires, pour un nombre limité de projets nouveaux et très importants (programme abandonné progressivement).

Les subventions pour dépenses courantes, qui constituent le plus grand programme du Conseil, sont la source la plus importante d'aide à la recherche par discipline (pure et appliquée) au Canada. Ce genre de recherche est à la base d'une grande partie des activités de recherche au Canada.

Subventions pour de nouvelles idées en recherche

L'objectif des subventions pour de nouvelles idées en recherche est d'aider des chercheurs à donner suite sans délai à des idées nouvelles ou exceptionnelles découlant de leurs programmes de recherche et nécessitant un financement additionnel temporaire.

Collaborative Special Project Grants

The objective of the program of collaborative special project grants is to facilitate the participation of groups of researchers in significant research projects, programs, or campaigns presenting an exceptional or unique opportunity for collaboration. Collaborative special project grants are awarded to university professors.

Strategic Grants

The objective of the strategic grants program is to provide support for the initiation or the acceleration of substantial projects or programs in certain areas of national concern.

The aim of this program is to enable university researchers to make greater contributions than in the past towards the understanding and solution of problems of national concern through specific applied research projects having potential for relatively short-term socio-economic benefits or through more basic research activities designed to develop knowledge in areas of socio-economic importance. Strategic grants may take the form of research grants to individuals or groups or of equipment grants in support of a strategic research program. The fields of research currently supported are: biotechnology, communications and computers, energy, environmental toxicology, food/agriculture, and oceans. NSERC also supports a limited number of projects in areas deemed to be of national concern by Canadian universities (open area).

E.W.R. Steacie Memorial Fellowships

E.W.R. Steacie Memorial Fellowships are intended to recognize the achievements of a limited number of outstanding young scientists and engineers holding academic appointments in Canadian universities and to enhance their research opportunities.

NSERC reimburses the fellow's salary to the university. Fellows also have the opportunity to apply for supplementary research funding from NSERC.

Research Infrastructure Grants

Equipment Grants (equipment, major equipment and major installations)

The objectives of equipment, major equipment and major installation grants are to foster and enhance the research capability of university researchers and to provide a stimulating environment for research training by supporting the purchase of research equipment and installations.

These grants support the purchase of research equipment as follows:

Equipment:	$7,001 - $100,000
Major Equipment:	$100,001 - $275,000
Major Installations:	More than $275,000

Subventions à des projets collectifs spéciaux

L'objectif du programme de subventions à des projets collectifs spéciaux est de faciliter la participation active de groupes de chercheurs à des projets ou programmes de recherche d'envergure qui constituent une occasion unique ou exceptionnelle de collaboration. Ces subventions sont accordées à des professeurs d'université.

Subventions thématiques

L'objectif du programme de subventions thématiques est d'apporter une aide financière pour amorcer ou accélérer de grands programmes de recherche dans certains domaines d'intérêt national.

Le but du programme est de permettre aux chercheurs universitaires de contribuer davantage à la solution et à la compréhension de problèmes d'intérêt national. Cette contribution peut prendre la forme de recherche appliquée pouvant engendrer des retombées socio-économiques à court terme ou encore de recherche plus fondamentale destinée à augmenter notre connaissance de domaines importants au point de vue socio-économique. Les subventions thématiques sont accordées à des chercheurs individuels ou à des groupes; il peut également s'agir de subventions thématiques d'appareillage. Les domaines de recherche subventionnés présentement sont l'alimentation et l'agriculture, la biotechnologie, l'énergie, les océans, les télécommunications et l'informatique, et la toxicologie de l'environnement. Le Conseil subventionne également un nombre limité de projets dans d'autres domaines jugés d'intérêt national par les universités canadiennes (thème «ouvert»).

Bourses commémoratives E.W.R. Steacie

Les bourses commémoratives E.W.R. Steacie sont accordées en reconnaissance des réalisations exceptionnelles d'un nombre limité de jeunes scientifiques et ingénieurs, membres du corps professoral des universités canadiennes; elles ont également pour but de favoriser leurs travaux de recherche.

Le CRSNG rembourse le salaire des boursiers à l'université. Ces boursiers ont également la chance de demander au CRSNG une subvention de recherche supplémentaire.

Infrastructure de la recherche

Subventions d'appareillage (appareillage, appareils spéciaux et installations spéciales)

L'objectif des subventions d'appareillage, d'appareils spéciaux et d'installations spéciales est de favoriser et de stimuler les activités de recherche des chercheurs universitaires et de fournir un environnement stimulant pour la formation de chercheurs en subventionnant l'achat d'appareils et d'installations de recherche.

Ces subventions appuient l'achat d'appareillage de recherche comme suit:

Appareillage:	de $7 001 à $100 000
Appareils spéciaux:	de $100 001 à $275 000
Installations spéciales:	plus de $275 000

Infrastructure Grants

The objective of infrastructure grants is to facilitate the effective use, operation and maintenance of specialized research facilities or resources which would not otherwise be viable in Canadian universities. These grants provide funding for salaries of technicians and research professionals and for maintenance of specialized facilities.

University-Industry Program

The University-Industry program supports a wide range of R & D activities that promote collaboration between university researchers and Canadian industry. The program, which represents a major expansion of NSERC's initiatives at the university-industry interface, combines existing, expanded, and new program elements under four major components: Cooperative R & D Activities, Scholarships and Fellowships, University-Industry Links, and the Canadian Microelectronics Corporation.

Cooperative R & D Activities

Cooperative R & D Projects

Cooperative R & D projects (expansion of the PRAI grants program) are aimed at strengthening and expanding the size and scope of co-operative research directed to identified industrial opportunities or problems by:

- capitalizing on new scientific and technological advances made by university researchers that are of significance to a company and close to commercialization; and
- supporting research and development that allows a company or group of companies to draw on the expertise of a university researcher or group.

Shared Equipment and Facilities

Shared equipment and facilities is an activity aimed at encouraging the establishment of co-operative facilities and the purchase of equipment to be used jointly by the university and industrial sectors, and at enhancing the industrial orientation of university research and manpower training.

Industrial Research Chairs

Industrial research chairs, to be established at universities, are aimed at achieving the critical mass of expertise essential for a major scientific or technological research endeavour in collaboration with industry.

Senior Industrial Fellowships

NSERC senior industrial fellowships are intended to encourage a mutually stimulating and productive interchange between universities and industry by offering academic staff an opportunity to work in industry. NSERC reimburses to the university a portion of the fellow's salary.

Subventions d'infrastructure

L'objectif des subventions d'infrastructure est de faciliter l'emploi, le fonctionnement et l'entretien efficaces d'installations ou de ressources de recherche spécialisées qui autrement ne pourraient survivre dans les universités canadiennes. Ces subventions contribuent au salaire des techniciens et des professionnels de recherche et à l'entretien des installations spécialisées.

Programme conjoint universités-industrie

Le programme conjoint universités-industrie appuie toute une gamme d'activités de R et D qui encouragent la collaboration entre les chercheurs universitaires et l'industrie canadienne. Le programme constitue une expansion considérable des activités du CRSNG à l'interface universités-industrie. Il combine des programmes existants, élargis et nouveaux sous quatre grands volets: les activités conjointes de R et D, les bourses de recherche, les contacts universités-industrie et la Société canadienne de micro-électronique.

Activités conjointes de R et D

Projets de R et D coopérative

Les projets de R et D coopérative (expansion de l'ancien programme de subventions PRAI) ont pour but d'intensifier et de renforcer la recherche conjointe portant sur des questions ou des problèmes d'intérêt pour l'industrie:

- en tirant parti des progrès scientifiques et techniques, réalisés dans les universités, qui peuvent intéresser l'industrie et qui approchent de l'étape de commercialisation; et
- en soutenant des travaux de R et D permettant à une compagnie ou à un groupe de compagnies de tirer parti de la compétence d'un chercheur universitaire ou d'un groupe de chercheurs.

Installations et appareils conjoints

Le programme d'installations et appareils conjoints a pour but d'encourager la mise sur pied d'installations et l'achat d'appareils qui seront utilisés conjointement par les secteurs universitaire et industriel, et d'accentuer l'orientation industrielle de la recherche universitaire et de la formation de chercheurs.

Professeurs-chercheurs industriels

Le programme de professeurs-chercheurs industriels, qui sera mis en vigueur dans les universités, a pout but de subventionner des activités dans des domaines scientifiques et techniques particulièrement intéressants et où il y a grand besoin de travaux de recherche.

Bourses de stages industriels

Le programme de bourses de stages industriels du CRSNG a pour but d'encourager les échanges entre l'université et l'industrie en donnant à des professeurs d'université l'occasion de faire des stages en milieu industriel. Le CRSNG rembourse à l'université une partie du salaire du boursier.

Visiting Industrial Fellowships

Visiting industrial fellowships are intended to enhance the industrial orientation of university researchers and laboratories and to improve university-industry communications and awareness.

Scholarships and Fellowships

Industrial Undergraduate Summer Research Awards

Industrial undergraduate summer research awards are intended to stimulate the interest of undergraduate students in research by providing them with valuable experience in an industrial laboratory, and to encourage these students to undertake graduate studies. In 1983-84, these awards were valued at $750 per month for four months.

Industrial Postgraduate Scholarships

Industrial postgraduate scholarships are intended to encourage holders of a bachelor's or master's degree with at least two years of industrial work experience to upgrade their R & D capabilities by enrolling in a program of graduate studies and research in the natural sciences or engineering. By sharing the cost with NSERC, Canadian industry is encouraged to increase its commitment to R & D and to research training in Canadian universities.

NSERC contributed an amount equal to the company's financial contribution up to a maximum amount of $11,100 per annum (as of September 1983) for these scholarships which were offered in competition to Canadian citizens and permanent residents on the basis of academic excellence, previous work experience and research potential.

Industrial Research Fellowships

Industrial research fellowships provide doctoral graduates in the natural sciences or engineering with an opportunity to gain industrial R & D experience for periods of up to three years. The program of industrial research fellowships has the following objectives:

- to encourage highly qualified scientists and engineers to seek careers with industrial organizations in Canada;
- to assist Canadian companies, particularly the smaller ones, to develop an improved capability in research, development and innovation;
- to provide an opportunity for potential university faculty members to gain meaningful research and development experience in an industrial environment.

Chercheurs industriels invités

Les bourses de chercheurs industriels invités ont pour but d'accentuer l'orientation industrielle des chercheurs et des laboratoires universitaires, d'intensifier les communications entre les universités et l'industrie et d'amener les deux secteurs à mieux se connaître mutuellement.

Bourses de recherche

Bourses de recherche d'été (1er cycle) en milieu industriel

Les bourses de recherche d'été en milieu industriel ont pour but de stimuler l'intérêt des étudiants du 1er cycle pour la recherche en leur fournissant l'occasion d'acquérir de l'expérience dans un laboratoire de recherche industrielle, et d'encourager les étudiants à entreprendre des études supérieures. En 1983-1984, ces bourses s'élevaient à $750 par mois pendant quatre mois.

Bourses d'études supérieures à l'intention de l'industrie

Les bourses d'études supérieures à l'intention de l'industrie ont pour but d'encourager les personnes détenant un baccalauréat ou une maîtrise et possédant de deux années ou plus d'expérience industrielle à perfectionner leurs compétences en matière de R et D en s'inscrivant à un programme d'études supérieures et de recherche dans le domaine des sciences naturelles et du génie. En partageant le coût avec le CRSNG, l'industrie canadienne est encouragée à augmenter sa participation aux activités de R et D au Canada et à la formation de chercheurs dans les universités canadiennes.

Le CRSNG a versé une contribution financière identique à celle de la compagnie jusqu'à concurrence de $11 100 par année (au 1er septembre 1983) pour ces bourses qui ont été accordées lors d'un concours à des citoyens canadiens et à des résidents permanents évalués selon les résultats universitaires, l'expérience de travail et les aptitudes à la recherche.

Chercheurs-boursiers en milieu industriel

Le programme de chercheurs-boursiers en milieu industriel fournit à des personnes ayant récemment obtenu leur doctorat en sciences naturelles ou en génie l'occasion d'acquérir jusqu'à trois années d'expérience dans le domaine de la recherche et du développement en milieu industriel. Les objectifs du programme de chercheurs-boursiers en milieu industriel sont:

- d'encourager les scientifiques et ingénieurs hautement qualifiés à faire carrière en milieu industriel au Canada;
- d'aider les compagnies canadiennes, plus spécialement les petites et moyennes entreprises, à augmenter leur capacité de R et D et d'innovation;
- de fournir à des personnes qui pourraient éventuellement devenir professeurs d'université l'occasion d'acquérir une expérience enrichissante de R et D en milieu industriel.

In 1983-84, NSERC's maximum contribution to the fellow's salary was $24,700.

University-Industry Links

University-Industry Affiliations

This acitivity is designed to increase communication between the two sectors by providing financial assistance to universities for the establishment of mechanisms whereby research and development services can be provided to affiliated companies in return for a reasonable membership fee.

Workshops and Seminars

Workshops and seminars are intended to stimulate exchanges of ideas and experiences between university researchers and industry.

Canadian Microelectronics Corporation

The Canadian Microelectronics Corporation is a non-profit corporation established by NSERC to manage the multi-university computerized network for the design and testing of very large scale integrated circuits. The network was established with funds provided by the federal government in 1983-84 to cover a five-year period. A coordination centre located at Queen's University verifies the designs and forwards them to Northern Telecom for fabrication.

Developmental Grants

Research Development Program

The general objective of the research development program is to enhance the research capability and environment in certain universities where the Council's other programs are not effective in accomplishing this. The program is therefore aimed at helping eligible universities and their academic staff members to develop their research capability to a point where they are in a position to apply more successfully and in greater numbers for regular NSERC grants. Eligibility is restricted to universities invited by NSERC to participate in the program.

The Research Development program has two components:

- research development grants in support of individuals and groups nominated by eligible universities; and
- associateships called "Attachés de recherche du CRSNG" whereby Council reimburses to the university a portion of the salary of researchers. The "Attachés de recherche" subprogram is open only to eligible francophone universities.

Isolation Supplements

Isolation supplements are intended to foster the interaction of researchers at small and isolated universities with their colleagues at other institutions and to assist such universities in

En 1983-1984, la contribution maximum du CRSNG au salaire du boursier s'élevait à $24 700.

Contacts universités-industrie

Ententes de services

Cette activité a pour but d'augmenter les contacts entre les deux secteurs en fournissant une aide financière aux universités pour mettre sur pied des mécanismes leur permettant de fournir, à un coût raisonnable, des services de R et D à des compagnies affiliées.

Colloques et séminaires

Les colloques et séminaires ont pour but de stimuler des échanges d'idées et d'expériences entre les chercheurs universitaires et l'industrie.

Société canadienne de micro-électronique

La Société canadienne de micro-électronique est une société à but non lucratif fondée par le CRSNG pour diriger le réseau multi-universitaire informatisé pour la conception et l'essai de circuits intégrés à très grande échelle, qui a été établi avec des fonds fournis par le gouvernement fédéral en 1983-1984 et répartis sur cinq ans. Un centre de coordination situé à l'Université Queen's vérifie les projets de puces et les transmet ensuite à Northern Telecom qui en assure la fabrication.

Subventions de développement

Subventions de développement de la recherche

L'objectif général des subventions de développement de la recherche est de créer ou d'améliorer la compétence en recherche et l'atmosphère de recherche dans certaines universités où les autres programmes du Conseil ne réussissent pas efficacement à accomplir cet objectif. Ce programme a pour but d'aider les universités admissibles et les membres de leur personnel enseignant à développer leurs compétences en recherche jusqu'à ce qu'ils puissent demander en plus grand nombre et obtenir avec succès les subventions ordinaires du CRSNG. Seules les universités invitées par le CRSNG à participer à ce programme y sont admissibles.

Il y a deux volets au programme de développement de la recherche:

- les subventions à des chercheurs individuels ou à des groupes proposés par les universités admissibles; et
- les attachés de recherche du CRSNG: le CRSNG contribue au salaire universitaire de chercheurs travaillant dans les universités francophones admissibles.

Primes d'éloignement

Les primes d'éloignement ont pour but d'encourager une interaction accrue entre les chercheurs des petites universités éloignées et leurs collègues d'autres institutions et

alleviating the effects of their isolation by providing them with additional funding. In 1983-84, each eligible university received a grant calculated on the basis of $590 per NSERC grantee.

Forestry Development Program

There are two components to the Forestry Development program: development grants and postdoctoral assistantships. The objectives of forestry development grants are to develop scientific strength and to support and enhance research capability in faculties of forestry. This program is also intended to facilitate the development of highly qualified manpower in forestry. Postdoctoral assistantships aid forestry faculties and schools to recruit excellent candidates in anticipation of future positions for them in Canadian universities. It is also hoped that these assistants will make an immediate and valuable contribution to forestry research.

Northern Supplements

Northern supplements are intended to encourage the pursuit of research programs related to the Canadian North. These supplements to operating grants contribute to the payment of the logistics costs associated with research in the North.

General Research Support

Scientific Publication Grants

Scientific publication grants are intended to assist in the provision and maintenance of high quality Canadian publications for the dissemination of original research results in the natural sciences and engineering; exceptionally, to assist in the provision and maintenance of high quality Canadian publications for the promotion of a broader understanding of science and engineering among the Canadian public. Grants are made to publishers, not to authors.

Conference Grants

Conference grants are intended to encourage and promote the dissemination of research results through scientific conferences, workshops, symposia and meetings held in Canada and organized by Canadian organizations or institutions. Support is limited to travel expenses of guest speakers.

Travel Grants

The objective of travel grants is to encourage mobility of Canadian university researchers who obtain a leave of at least six months, (sabbatical or other) when such leave is deemed to be of sufficient scientific importance to the individual's research career. Support is limited to travel expenses of the grantee.

d'aider ces universités à compenser les effets de leur éloignement en leur fournissant une aide financière supplémentaire. En 1983-1984, les universités admissibles ont reçu une subvention s'élevant à $590 par bénéficiaire de subventions du CRSNG.

Programme de développement en foresterie

Ce programme comprend deux volets: les subventions de développement et les stages postdoctoraux. Les objectifs des subventions de développement en foresterie sont d'accroître la compétence scientifique ainsi que de soutenir et de stimuler le développement de la recherche dans les facultés de foresterie. De plus, le programme a pour but de favoriser le perfectionnement de chercheurs qualifiés dans ce domaine. Les stages postdoctoraux en foresterie aident les facultés et les écoles de foresterie à recruter des chercheurs d'excellence dans l'espoir que des postes deviennent disponibles dans les universités canadiennes. On espère également que ces stagiaires contribueront de façon valable à la recherche en foresterie.

Subventions supplémentaires pour la recherche dans le Grand Nord

Le programme de subventions supplémentaires pour la recherche dans le Grand Nord a pour but d'encourager la poursuite de projets de recherche reliés au Grand Nord canadien. Ces subventions contribuent au paiement des coûts d'organisation matérielle associés à la recherche dans le Grand Nord.

Aide générale à la recherche

Subventions à des publications scientifiques

Les subventions à des publications scientifiques ont pour but de contribuer à l'apport et au maintien de publications canadiennes de haute qualité pour la diffusion de résultats originaux de travaux de recherche en sciences naturelles et en génie. De façon exceptionnelle, elles ont pour but de contribuer à l'apport et au maintien de publications canadiennes de haute qualité afin de mieux sensibiliser le public canadien à la science et à la technologie. Ces subventions sont accordées aux éditeurs et non aux auteurs.

Subventions pour conférences

Les subventions pour conférences ont pour but d'encourager et de promouvoir la diffusion des résultats de la recherche par l'intermédiaire de congrès, ateliers, symposiums et conférences tenus au Canada et organisés par des institutions ou organismes canadiens. Ces subventions ne contribuent à couvrir que les frais de déplacement des conférenciers invités.

Subventions de voyage

L'objectif des subventions de voyage est d'encourager la mobilité des chercheurs universitaires canadiens qui obtiennent un congé (sabbatique ou autre) de six mois ou plus, lorsqu'un tel congé est jugé important pour la carrière scientifique du chercheur. Ces subventions sont limitées aux frais de déplacement des bénéficiaires.

General Research Grants

General research grants provide funds to university presidents for the broad purpose of further enhancing the quality of research in the natural sciences and engineering. Calculated on the basis of a formula, these grants are proportional to the total NSERC grants at each university.

General Promotion Grants

A limited number of awards were made in 1983-84 to individuals and non-profit organizations in support of activities related to the general promotion of science and engineering in Canada.

Scientific Exchange Program

The objective of the scientific exchange program is to promote, support and facilitate contacts, exchanges and cooperation between Canadian researchers and their counterparts in certain specified countries on the basis of bilateral agreements between NSERC and corresponding organizations in these countries. The subobjective is to increase mutual awareness between Canadian researchers and researchers in the other countries, of the scientific institutions, achievements and research capabilities of the respective countries.

International Collaborative Research Grants

The objective of the international collaborative research grants program is to promote international research collaboration by providing financial support to Canadian scientists and engineers engaging in a collaborative research project with their colleagues abroad. The awards contribute towards travel and living expenses.

International Scientific Exchange Awards

The objective of the international scientific exchange awards program is to promote international research collaboration by providing support for visits of selected foreign scientists and engineers invited by Canadian academic institutions and research laboratories. The subobjective is to encourage and facilitate productive interchanges and collaboration between Canadian researchers and their counterparts from other countries.

Research Manpower Awards

Research manpower awards consist of a wide range of awards to undergraduate and graduate students, postdoctoral fellows, and scientists and engineers in universities, for advanced study, research or professional development; these awards are tenable in universities and other institutions in Canada and abroad.

University Undergraduate Summer Research Awards

University undergraduate summer research awards are intended to stimulate the interest of undergraduate students in research by providing them with valuable experience in a

Subventions générales de recherche

Les subventions générales de recherche sont accordées aux recteurs des universités dans le but très général de rehausser la qualité de la recherche en sciences naturelles et en génie. Ces subventions sont calculées à partir d'une formule et sont proportionnelles au total des subventions du CRSNG accordées aux chercheurs de l'université.

Subventions à des activités spéciales

En 1983-1984, le Conseil a accordé un petit nombre de subventions à des personnes ou à des organismes sans but lucratif pour soutenir des activités visant à mieux faire connaître les sciences et le génie au Canada.

Programme d'échanges de scientifiques

L'objectif du programme d'échanges de scientifiques est de promouvoir, d'appuyer et de faciliter les contacts, les échanges et la coopération entre les chercheurs canadiens et les chercheurs de certains pays, dans le cadre d'ententes bilatérales entre le CRSNG et des organismes semblables dans ces pays. Le sous-objectif est de permettre aux chercheurs canadiens et aux chercheurs étrangers de mieux connaître les institutions scientifiques, les réalisations et les compétences en recherche d'un autre pays.

Subventions de recherche coopérative internationale

L'objectif du programme de subventions de recherche coopérative internationale est de promouvoir la collaboration internationale en recherche en fournissant une aide financière à des scientifiques et ingénieurs canadiens qui entreprennent un projet de recherche en collaboration avec des collègues étrangers. Ces subventions contribuent à couvrir les frais de déplacement et de séjour.

Subventions d'échange scientifique international

L'objectif des subventions d'échange scientifique international est de promouvoir la collaboration internationale en recherche en subventionnant la visite de scientifiques et ingénieurs étrangers invités par des institutions universitaires et des laboratoires de recherche canadiens. Le sous-objectif est d'encourager et de faciliter une collaboration et des échanges fructueux entre des chercheurs canadiens et étrangers.

Formation et perfectionnement de chercheurs

Les bourses de recherche consistent en une gamme complète de programmes de bourses à des étudiants des 1^er^, 2^e^ et 3^e^ cycles, à des stagiaires postdoctoraux et à des scientifiques et ingénieurs universitaires pour des études supérieures, des travaux de recherche ou le perfectionnement professionnel. Ces bourses peuvent être détenues dans les universités et d'autres institutions, canadiennes ou étrangères.

Bourses de recherche d'été en milieu universitaire (1^er^ cycle)

Les bourses de recherche d'été en milieu universitaire ont pour but de stimuler l'intérêt des étudiants du 1^er^ cycle en recherche en leur fournissant l'occasion d'acquérir de l'exuniversity laboratory, and to encourage these students to undertake graduate studies. In 1983-84, these awards were valued at $750 per month for four months.

Postgraduate Scholarships

Postgraduate scholarships are intended to assist in the provision of highly qualified manpower by providing financial support to excellent students working towards a higher degree in the natural sciences and engineering. These scholarships, valued at $11,100 per annum as of September 1983, were offered in competition to Canadian citizens and permanent residents, on the basis of academic excellence.

Postgraduate Scholarships in Science Librarianship and Documentation

Postgraduate scholarships in science librarianship and documentation are intended to assist in maintaining an adequate supply of science librarians, documentalists and science information specialists. These scholarships, valued at $11,100 per annum as of September 1983, were offered to Canadian students and permanent residents on the basis of high scholastic achievement and evidence of suitability for a career as a science librarian or science information specialist.

1967 Science and Engineering Scholarships

1967 Science and Engineering Scholarships are intended to enable outstanding Canadian students to undertake graduate studies and research leading to a doctorate and to take advantage of the best possible training opportunities, in Canada or abroad. These scholarships, valued at $16,700 per annum as of September 1983, were offered in competition to Canadian citizens who demonstrated superior scholarship and promise of research ability and leadership potential.

Postdoctoral Fellowships

Postdoctoral fellowships are intended to assist in the development of highly qualified manpower by providing recent doctoral graduates with an opportunity to add to their experience by engaging in a specialized research program in Canadian universities, provincial research councils and universities and research institutions abroad. These awards, valued at $22,250 per annum as of September 1983, were offered to Canadian citizens and permanent residents on the basis of proven research record and academic excellence.

University Research Fellowships

University research fellowships are intended to expand career opportunities for a select number of very promising researchers in the natural sciences and engineering.

périence dans un laboratoire universitaire, et d'encourager les étudiants à entreprendre des études supérieures. En 1983-1984, ces bourses s'élevaient à $750 par mois pendant quatre mois.

Bourses d'études supérieures

Les bourses d'études supérieures ont pour but de contribuer à l'apport d'une main-d'œuvre hautement qualifiée en fournissant une aide financière à d'excellents étudiants travaillant en vue d'obtenir un diplôme supérieur en sciences naturelles et en génie. Ces bourses, d'une valeur de $11 100 par année au 1^er^ septembre 1983, étaient accordées lors d'un concours à des citoyens canadiens et à des résidents permanents ayant les meilleurs résultats universitaires.

Bourses d'études supérieures en bibliothéconomie et documentation scientifiques

Les bourses d'études supérieures en bibliothéconomie et documentation scientifiques ont pour but de contribuer à la formation d'un nombre adéquat de bibliothécaires scientifiques, de documentalistes et de spécialistes en information scientifique et technique. Ces bourses, d'une valeur de $11 100 par année au 1^er^ septembre 1983, étaient accordées à des citoyens canadiens et à des résidents permanents, en se fondant sur le succès qu'ils ont obtenu au cours des études universitaires et sur leurs aptitudes manifestes pour une carrière de bibliothécaire scientifique ou spécialiste de l'information scientifique.

Bourses en sciences et en génie 1967

Les bourses en sciences et en génie 1967 ont pour but de permettre à des étudiants canadiens exceptionnels d'entreprendre des études supérieures et des travaux de recherche conduisant au doctorat et d'obtenir la meilleure formation possible, au Canada ou à l'étranger. Ces bourses, d'une valeur de $16 700 par année au 1^er^ septembre 1983, étaient accordées lors d'un concours à des citoyens canadiens démontrant un bagage intellectuel, des aptitudes à la recherche, un esprit d'initiative et un dynamisme supérieurs à la moyenne.

Bourses postdoctorales

Les bourses postdoctorales ont pour but de contribuer au perfectionnement d'une main-d'œuvre hautement qualifiée en fournissant à des chercheurs qui ont récemment obtenu un doctorat la possibilité d'ajouter à leurs connaissances en entreprenant un programme de recherche spécialisé dans les universités canadiennes, dans les conseils de recherche provinciaux et dans les universités et les instituts de recherche à l'étranger. Ces bourses, d'une valeur de $22 250 au 1^er^ septembre 1983, étaient accordées à des citoyens canadiens et à des résidents permanents, en se fondant sur leurs réalisations en recherche et sur leurs résultats universitaires.

Chercheurs-boursiers universitaires

Le programme de chercheurs-boursiers universitaires qu'offre le CRSNG fournit à un certain nombre de chercheurs d'avenir l'occasion de poursuivre leur carrière en recherche dans les domaines des sciences naturelles et du génie.

The subobjectives of this program are:

- to assist in maintaining the level of the university research and development effort in Canada;
- to assist in maintaining an adequate supply of promising and highly qualified researchers in Canadian universities to help meet the demand for new faculty appointments which is expected to expand rapidly in the early 1990's when the retirement rate of the existing research force increases significantly and when student enrolments start to increase again.

These awards consist of a contribution to each fellow's salary and of a basic research grant valued at $10,000 per annum in all disciplines except mathematics and statistics where the amount is $3,000. Fellows may apply for a supplement to their basic research grant and are also eligible for other NSERC grants. The maximum contribution to the fellow's salary is $30,500.

Other Programs of Grants and Scholarships Administered by NSERC on Behalf of Other Departments, Agencies and Organizations

Postgraduate Fellowships in Meteorology and Atmospheric Sciences

Postgraduate Fellowships in Meteorology and Atmospheric Sciences are aimed at encouraging original research in the atmospheric sciences and helping maintain the supply of Canadian scientists in the field. In 1983-84, these awards were valued at $11,100.

Studentships in Meteorology

Studentships in Meteorology are aimed at encouraging Canadian university students to pursue a career in meteorology and thus helping to meet present and future requirements for meteorologists in Canada.

CIDA/NSERC Research Associateships

The objective of the CIDA/NSERC research associateships program is to promote scientific expertise and capability in developing countries by providing research opportunities in Canada to selected scientists from such countries. The subobjective is to enable scientists from developing countries to establish themselves as up-to-date researchers in their home countries and to provide them with an opportunity to acquire additional expertise and new techniques in Canada.

NATO Science Fellowships

NATO Science Fellowships are administered by NSERC on behalf of the North Atlantic Treaty Organization. A limited number of NATO fellowships are awarded each year for tenure in NATO countries other than Canada. The awards are similar in all aspects to NSERC postdoctoral fellowships.

Les sous-objectifs de ce programme sont:

- d'aider à maintenir le niveau de recherche et développement universitaires au Canada;
- d'aider à maintenir un nombre adéquat de chercheurs qualifiés qui pourraient combler les postes de professeurs ouverts dans les universités canadiennes au début des années 1990, alors que le taux de retraite de l'effectif de recherche augmentera rapidement au moment même où le nombre d'étudiants recommencera à s'accroître.

Ces bourses consistent en une contribution au salaire de chaque boursier et en une subvention de recherche d'une valeur de $10 000 par année dans toutes les disciplines sauf les mathématiques et les statistiques (la subvention s'élève à $3 000). Les boursiers peuvent demander un supplément à leur subvention de recherche de base et sont également admissibles à d'autres programmes de subventions du CRSNG. La contribution maximum au salaire du boursier est de $30 500.

Autres programmes de subventions et bourses administrés par le CRSNG pour le compte d'autres organismes et ministères

Bourses postgrade en météorologie et sciences atmosphériques

Les bourses postgrade en météorologie et sciences atmosphériques ont pour but d'encourager la recherche en sciences atmosphériques et de pourvoir aux besoins de main-d'œuvre dans cette discipline. En 1983-1984, ces bourses étaient d'une valeur de $11 100.

Bourses en météorologie

Les bourses en météorologie ont pour but d'encourager les étudiants des universités canadiennes à embrasser une carrière en météorologie afin d'aider à répondre aux besoins actuels et futurs de météorologistes au Canada.

Attachés de recherche ACDI/CRSNG

L'objectif du programme d'attachés de recherche ACDI-CRSNG est de favoriser la compétence et la capacité scientifique dans les pays en voie de développement en donnant à des chercheurs choisis provenant de ces pays l'occasion de faire de la recherche au Canada. Le sous-objectif est de permettre à des scientifiques de pays en voie de développement de devenir des chercheurs établis dans leur propre pays et de leur permettre d'acquérir au Canada des compétences et des techniques nouvelles.

Bourses en sciences de l'OTAN

Les bourses en sciences de l'OTAN sont administrées par le CRSNG pour le compte de l'Organisation du Traité de l'Atlantique Nord. Un petit nombre de bourses de l'OTAN, valides dans un pays membre de l'OTAN autre que le Canada, sont accordées chaque année. Ces bourses sont identiques aux bourses postdoctorales du CRSNG.

Visiting Fellowships in Canadian Government Laboratories

Visiting Fellowships in Canadian Government Laboratories are intended to provide promising scientists with the opportunity to work with well-established research groups or leaders in their fields and to foster close relationships between Canadian government laboratories, universities and research institutions. In 1983-84, these awards were valued at $24,048.

Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

Les bourses de recherche scientifique dans les laboratoires du gouvernement canadien ont pour but d'offrir à des scientifiques d'avenir la possibilité de travailler avec des groupes de chercheurs chevronnés ou avec des chefs de file dans leurs domaines et de favoriser des relations étroites entre les laboratoires du gouvernement canadien, les universités et les autres institutions de recherche. En 1983-1984, ces bourses étaient d'une valeur de $24 048.

STATISTICAL INFORMATION

STATISTIQUES

TABLE 1/TABLEAU 1

Details of Expenditures by Planning Element: 1983-84
Détails des dépenses par élément pour 1983-1984

PLANNING ELEMENT/ÉLÉMENT	Expenditures[1]/ Dépenses[1]
RESEARCH GRANTS/SUBVENTIONS DE RECHERCHE	$
Operating Grants/Subventions pour dépenses courantes	
Individual Grants/Subventions individuelles	114.174.488
Team Grants/Subventions d'équipe	3.547.515
Co-op Grants/Subventions coop	854.375
Project Grants/Subventions pour projets de recherche	6.619.848
Grants to University Research Fellows/Subventions aux chercheurs-boursiers universitaires	3.941.079
New Research Idea Grants/Nouvelles idées en recherche	33.700
Collaborative Special Project Grants/Subventions à des projets collectifs spéciaux	2.291.175
Strategic Grants/Subventions thématiques	28.256.351
E.W.R. Steacie Memorial Fellowships/Bourses commémoratives E.W.R. Steacie	383.974
	160.102.505
RESEARCH INFRASTRUCTURE/INFRASTRUCTURE DE LA RECHERCHE	
Equipment/Appareillage	
Equipment Grants/Subventions d'appareillage	16.458.958
Major Equipment Grants/Subventions d'appareils spéciaux	9.105.176
Major Installation Grants/Subventions d'installations spéciales	10.033.091
Operating and Maintenance/Fonctionnement et entretien	
Infrastructure Grants/Subventions d'infrastructure	10.223.465
	45.820.690
UNIVERSITY-INDUSTRY PROGRAM/PROGRAMME CONJOINT UNIVERSITÉS-INDUSTRIE	
Cooperative R & D/R et D coopérative	
R & D Projects/Projets de R et D	2.474.232
Shared Equipment and Facilities/Installations et appareils conjoints	344.200
Research Chairs/Professeurs-chercheurs	90.000
Visiting Fellowships/Chercheurs invités	139.517
	3.047.949
Scholarships and Fellowships/Bourses de recherche	
Undergraduate Summer Research Awards/Bourses de recherche d'été (1er cycle)	905.029
Industrial Postgraduate Scholarships/Bourses d'études supérieures à l'intention de l'industrie	43.604
Industrial Research Fellowships/Chercheurs-boursiers en milieu industriel	2.345.992
	3.294.625
Canadian Microelectronics Corporation/Société canadienne de micro-électronique	7.413.283
	13.755.857
DEVELOPMENTAL GRANTS/SUBVENTIONS DE DÉVELOPPEMENT	
Research Development Grants/Développement de la recherche	2.280.622
Isolation Supplements/Primes d'éloignement	171.100
Forestry Development Program/Programme de développement en foresterie	
Postdoctoral Assistantships/Stages postdoctoraux	234.148
Project Grants/Subventions de projets	655.757
Northern Supplements/Suppléments pour la recherche dans le Grand Nord	330.453
	3.672.080
GENERAL RESEARCH SUPPORT/AIDE GÉNÉRALE À LA RECHERCHE	
Scientific Publication Grants/Subventions à des publications scientifiques	515.800
Conference Grants/Subventions pour conférences	571.271
Travel Grants/Subventions de voyage	293.014
General Research Grants/Subventions générales de recherche	8.420.500
General Promotion Grants/Subventions à des activités spéciales	62.918
Miscellaneous Grants/Subventions diverses	525.368
International Programs/Programmes internationaux	694.313
	11.083.184
RESEARCH MANPOWER AWARDS/BOURSES DE FORMATION DE CHERCHEURS	
Undergraduate Summer Research Awards/Bourses de recherche d'été (1er cycle)	4.177.325
Postgraduate Scholarships/Bourses d'études supérieures	24.626.105
Postgraduate Scholarships in Science Librarianship and Documentation/Bourses d'études supérieures en bibliothéconomie et documentation scientifiques	107.527
1967 Science and Engineering Scholarships/Bourses en sciences et en génie 1967	1.651.965
Postdoctoral Fellowships/Bourses postdoctorales	3.161.973
University Research Fellowships/Chercheurs-boursiers universitaires	6.461.788
	40.186.683
Total	**274,620,999**

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[1] Includes awards initiated in years prior to 1983-84./Comprend des subventions et bourses entrées en vigueur avant 1983-1984

TABLE 2/TABLEAU 2

EQUIPMENT AND INFRASTRUCTURE GRANTS 1983-84/ SUBVENTIONS D'APPAREILLAGE ET SUBVENTIONS D'INFRASTRUCTURE 1983-1984

Number and Amount by Grant Selection Committee/Nombre et montant par comité de sélection

Grant Selection Committee/ Comité de sélection	Equipment/ Appareillage		Major Equipment and Major Installations/ Installations et appareils spéciaux		Infrastructure	
Animal Biology/ Biologie animale	37	976,795			2	61,480
Cell Biology and Genetics/ Biologie cellulaire et génétique	62	1,560,045	3	573,883	4	97,843
Plant Biology/ Biologie végétale	31	895,122	3	482,567		
Population Biology/ Étude biologique des populations	29	538,641			4	112,860
Psychology/ Psychologie	24	406,831			1	76,320
Chemistry/ Chimie	65	2,769,036	13	2,971,831	9	237,525
Physics/ Physique	32	1,304,597	5	997,573	5	231,700
Nuclear Science/ Sciences nucléaires	7	282,855	1	160,000	10	4,186,444
High Energy Physics/ Physique des hautes énergies			1	270,992		
Space and Astronomy/ Espace et astronomie	10	375,254	2	426,570	9	521,476
Chemical and Metallurgical Engineering/ Génies chimique et métallurgique	50	1,804,962	4	991,802	7	217,512
Civil Engineering/ Génie civil	23	908,832	4	793,674	7	255,295
Electrical Engineering/ Génie électrique	39	1,506,189	2	381,560	6	97,520
Mechanical Engineering/ Génie mécanique	25	1,007,947	1	221,000	2	36,636
Industrial Engineering/ Génie industriel	3	84,357			1	19,780
Earth Sciences/ Sciences de la Terre	36	1,149,900	3	667,592	6	207,622
Computing and Information Science/ Informatique	14	796,779	1	166,132	9	540,486
Pure and Applied Mathematics/ Mathématiques pures et appliquées	1	18,732				
Statistical Sciences/ Statistiques	2	29,884			4	83,397
Interdisciplinary/ Interdisciplinaire	2	42,200			1	18,020
Grants and Scholarships/ Subventions et bourses			17	10,033,091	29	3,221,549
Total	492[1]	16,458,958	60[2]	19,138,267	116	10,223,465

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[1] Includes 484 grants, to a total of $16,301,925, awarded in the February 1984 competition./Comprend 484 subventions accordées lors du concours de février 1984 et totalisant $16 301 925.

[2] Includes 51 grants, to a total of $14,688,129, awarded in the February 1984 competition./Comprend 51 subventions accordées lors du concours de février 1984 et totalisant $14 688 129.

TABLE 3/TABLEAU 3

OPERATING GRANTS: 1983-84/SUBVENTIONS POUR DÉPENSES COURANTES: 1983-1984

Number and Amount by Grant Selection Committee/Nombre et montant par comité de sélection

Grant Selection Committee/ Comité de sélection	Individual Grants/ Subventions individuelles		Team Grants/ Subventions d'équipe		Co-op Grants/ Subventions coop		Project Grants/ Subventions pour projets	
Animal Biology/ Biologie animale	359	7,702,380	7	112,108	1	44,075		
Cell Biology and Genetics/ Biologie cellulaire et génétique	344	9,179,751	6	168,392	2	76,680		
Plant Biology/ Biologie végétale	242	5,949,987	6	97,299	2	35,786		
Population Biology/ Étude biologique des populations	329	7,222,832	3	103,880	3	116,600		
Psychology/ Psychologie	342	5,721,820	10	168,155				
Chemistry/ Chimie	505	14,922,545	11	304,480				
Physics/ Physique	395	8,925,966	7	587,584				
Nuclear Science/ Sciences nucléaires	38	1,346,931	8	748,360	2	62,489	44	2,934,723
High Energy Physics/ Physique des hautes énergies	1	16,000			1	254,400	19	3,685,125
Space and Astronomy/ Espace et astronomie	134	2,881,003	3	166,102	3	157,935		
Chemical and Metallurgical Engineering/ Génies chimique et métallurgique	338	7,123,627	4	110,383	1	17,018		
Civil Engineering/ Génie civil	343	6,648,271	6	132,219				
Electrical Engineering/ Génie électrique	373	7,041,577	7	267,860				
Mechanical Engineering/ Génie mécanique	291	5,907,831	11	384,650				
Industrial Engineering/ Génie industriel	96	1,452,857	5	71,260				
Earth Sciences/ Sciences de la Terre	493	9,782,941	2	51,940				
Computer and Information Sciences/ Informatique	321	5,341,073	3	42,146				
Pure and Applied Mathematics/ Mathématiques pures et appliquées	585	4,916,417	3	25,397				
Statistical Sciences/ Statistiques	182	1,432,558						
Interdisciplinary/ Interdisciplinaire	37	658,121	1	5,300	3	79,992		
Grants and Scholarships/ Subventions et bourses					1	9,400		
Total[1]	5,748	114,174,488	103	3,547,515	19	854,375	63	6,619,848

[1] Includes 2,917 new grants and 3,016 instalments of grants awarded in 1981-82 and 1982-83. Also included are the Special Research Grants to E.W.R. Steacie Fellows./Comprend 2 917 nouvelles subventions et 3 016 versements de subventions accordées en 1981-1982 et en 1982-1983. Comprend également les subventions spéciales de recherche aux boursiers E.W.R. Steacie.

TABLE 4/TABLEAU 4

RESEARCH MANPOWER AWARDS IN 1983-84/BOURSES DE FORMATION DE CHERCHEURS EN 1983-1984

	Number of Awards Accepted/ Nombre de bourses acceptées	Unit Value/ Valeur de chaque bourse ($)	Expenditures ($ million)/ Dépenses (en millions de dollars)
University-Based Awards/En milieu universitaire			
Undergraduate Summer Research Awards/ Bourses de recherche d'été (1er cycle)	1,494	2,860	4,177
Postgraduate Scholarships/ Bourses d'études supérieures	2,422	11,100	24,733
1967 Science and Engineering Scholarships/ Bourses en sciences et en génie 1967	107	16,700	1,652
Postdoctoral Fellowships/ Bourses postdoctorales	156	22,250	3,162
Research Fellowships/Chercheurs-boursiers	225	29,000	6,462
Subtotal/Sous-total	4,404		40,186
Industry-Based Awards/En milieu industriel			
Undergraduate Summer Research Awards/ Bourses de recherche d'été (1er cycle)	403	2,860	905
Postgraduate Scholarships/ Bourses d'études supérieures	12	11,100 (max.)	44
Research Fellowships/Chercheurs-boursiers	131	24,700	2,346
Subtotal/Sous-total	546		3,295
Total	4,950		43,481

TABLE 5/TABLEAU 5

NUMBER AND AMOUNT OF STRATEGIC GRANTS 1983-84/ NOMBRE ET MONTANT DES SUBVENTIONS THÉMATIQUES 1983-1984

	Individual Grants/ Subventions individuelles		Group Grants/ Subventions d'équipe		Equipment Grants/ Subventions d'appareillage		Total*	
		$000		$000		$000		$000
Energy/Energie	57	2,562	59	4,504	19	757	135	7,824
Environmental Toxicology/ Toxicologie de l'environnement	28	1,116	33	1,894	4	60	65	3,070
Oceans/Océans	21	827	27	1,790	5	165	53	2,782
Communications and Computers/ Télécommunications et informatique	13	663	31	2,516	4	295	48	3,475
Food-Agriculture/ Alimentation-agriculture	32	1,301	48	2,808	8	203	88	4,313
Open/Ouvert	13	513	32	2,628	6	312	51	3,453
Biotechnology/ Biotechnologie	18	837	41	2,409	4	94	63	3,341
TOTAL*	182	7,819	271	18,549	50	1,888	503	28,256

*Totals are rounded./Les totaux sont arrondis.

TABLE 6/TABLEAU 6

Other Programs of Grants and Scholarships Administered by NSERC on Behalf of Other Agencies and Departments – 1983-84/ Autres programmes de subventions et bourses administrés par le CRSNG pour le compte d'autres organismes et ministères – 1983-1984

	Number of Awards/ Nombre de bourses	Expenditures/ Dépenses $
Environment Canada/ Environnement Canada		
Postgraduate Fellowships in Meteorology and Atmospheric Sciences/ Bourses postgrade en météorologie et sciences atmosphériques	4	36,577
Studentships/ Bourses	15	62,000
Canadian International Development Agency/ Agence canadienne de développement international		
CIDA/NSERC Research Associateships/ Bourses d'attachés de recherche ACDI/CRSNG	23	163,299
North Atlantic Treaty Organization/ Organisation du Traité de l'Atlantique Nord		
NATO Science Fellowships/ Bourses en sciences de l'OTAN	25	389,248
Visiting Fellowships/ Bourses de recherche scientifique		
Agriculture Canada/ Agriculture Canada	24	369,090
Atomic Energy of Canada Ltd./ Énergie atomique du Canada Ltée	9	155,919
Communications Canada/ Communications Canada	4	43,607
Energy, Mines and Resources Canada/ Énergie, Mines et Ressources Canada	34	406,726
Environment Canada/ Environnement Canada	30	476,785
Fisheries and Oceans Canada/ Pêches et Océans Canada	40	552,926
Health and Welfare Canada/ Santé et Bien-être social Canada	6	111,313
National Museums of Canada/ Musées nationaux du Canada	1	24,935
National Defence/ Défense nationale	18	170,109
National Research Council Canada/ Conseil national de recherches Canada	31	481,158
Total	197	2,792,568

AWARDS 1983-84

SUBVENTIONS ET BOURSES 1983-1984

1. RESEARCH GRANTS

1. SUBVENTIONS DE RECHERCHE

GRANT SELECTION COMMITTEE CODES/CODES DES COMITES DE SELECTION DES SUBVENTIONS	CODES
Animal Biology/Biologie animale	01
Cell Biology and Genetics/Biologie cellulaire et génétique	02
Plant Biology/Biologie végétale	03
Chemical and Metallurgical Engineering/Génies chimique et métallurgique	04
Chemistry/Chimie	05
Civil Engineering/Génie civil	06
Computing and Information Science/Informatique	07
Earth Sciences/Sciences de la Terre	10
Electrical Engineering/Génie électrique	11
Psychology/Psychologie	12
Mechanical Engineering/Génie mécanique	13
Statistical Sciences/Statistiques	14
Physics/Physique	15
Pure and Applied Mathematics/Mathématiques pures et appliquées	16
Space and Astronomy/Recherche spatiale et astronomie	17
Population Biology/Etudes biologiques des populations	18
Industrial Engineering/Génie industriel	20
Interdisciplinary/Interdisciplinaire	21
Nuclear Science/Sciences nucléaires	22
High Energy Physics/Physique des hautes énergies	23
Committee on Grants and Scholarships/Comité des subventions et bourses*	29

STRATEGIC GRANT SELECTION PANEL CODES/CODES DES COMITES DE SELECTION DES SUBVENTIONS THEMATIQUES	CODES
Energy/Energie	35
Environmental Toxicology/Toxicologie de l'environnement	36
Oceans/Océans	37
Communications/Télécommunications	38
Food-Agriculture/Alimentation-agriculture	39
Open/Ouvert	40
Biotechnology/Biotechnologie	41

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* Other Infrastructure grants which are the responsibility of the Committee on Grants and Scholarships./
Autres subventions d'infrastructure dont le comité des subventions et bourses est responsable.

1.1 Operating Grants/Subventions pour dépenses courantes

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Aarssen, L.W. Biology Queen's	Studies in selection for combining ability and grassland community evolution 3yr - 1st Inst.	Individual	20,140	18
Abad, P.L. Prod./Manage. Sci. McMaster	Co-ordination of marketing-production policies in a functionally decentralized firm 3yr - 1st Inst.	Individual	7,217	20
Abbott, H.L. Mathematics Alberta	Extremal problems in number theory and combinatorics 3yr - 1st Inst.	Individual	4,000	16
Abdelhamid, A.N. Mech. & Aeronaut. Carleton	Control of rotating stall and surge in centrifugal compression systems 3yr - 3rd Inst.	Individual	25,710	13
Abdelmessih, A.H. Mechanical Eng. Toronto	Heat transfer and two-phase flow 3yr - 1st Inst.	Individual	24,910	13
Abdel-Sayed, G. Civil Engineering Windsor	Three-dimensional non-linear analysis for soil-steel structures 3yr - 3rd Inst.	Individual	21,303	06
Abegg, R. TRIUMF Alberta	* Refer to P.Kitching(Alberta)	Project		22
Abegg, R. TRIUMF Alberta	* Refer to C.A.Miller(Alberta)	Project		22
Abegg, R. TRIUMF Alberta	* Refer to J.M.Cameron(Alberta)	Project		22
Abegg, R. TRIUMF Alberta	* Refer to G.Roy(Alberta)	Project		22
Abegg, R. Physics Alberta	IEP-100 - 24Mg(p,p') 24Mg - 12C + 12C * with G.A.Moss,C.A.Miller, D.A.Hutcheon,G.Roy, L.G.Greeniaus(Alberta)	Project	14,700	22
Abegg, R. TRIUMF Alberta	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
Abel, S.M. Otolaryngology Toronto	Acoustic signal processing in normal and hearing impaired listeners 3yr - 3rd Inst.	Individual	18,365	12
AbouHaidar, M.G. Botany Toronto	Molecular mechanisms of infectious process in RNA plant viruses/use of these viruses as vehicle for the introduction of foreign genes into plants 3yr - 1st Inst.	Individual	21,200	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Aboul-Atta, O. Electrical Eng. Manitoba	Electromagnetic transients in overhead transmission lines	Individual	9,010	11
Abraham, B. Statistics Waterloo	Time series analysis and the time interval between observations 3yr - 3rd Inst.	Individual	6,428	14
Abrahamson, E.W. Chemistry Guelph	The chemistry of photoreceptors 3yr - 3rd Inst.	Individual	34,893	05
Abrahamson, K.R. Computer Science British Columbia	Theory and application of logics of processes	Individual	11,500	07
Abramson, H.D. Computer Science British Columbia	Logic programming, language definition and language implementation	Individual	11,824	07
Abramson, M. Mathematics York	Enumeration problems in combinatorial mathematics 3yr - 3rd Inst.	Individual	1,428	16
Abrham, J.V. Industrial Eng. Toronto	Mathematical programming and combinatorial theory 3yr - 2nd Inst.	Individual	4,236	16
Achab, A. INRS-Géoress. Québec - INRS	Chitinozoaires de l'Ordovicien et du Silurien inférieur de Québec 3ans - 1er vers.	Individuelle	12,720	10
Ackman, R.G. Fish. Res. & Tech. Tech. Univ. N.S.	Interlaboratory standardization of GC-retention data for Carbowax-20M in flexible fused-silica columns: effects of polymer, temperature structure and position of ethylenic bonds 3yr - 2nd Inst.	Individual	21,200	21
Aczel, J.D. Pure Mathematics Waterloo	Functional equations and their applications, in particular to information theory and economics 3yr - 3rd Inst.	Individual	23,801	16
Adamowski, K. Civil Engineering Ottawa	Stochastic modelling of the hydrologic cycle 3yr - 3rd Inst.	Individual	17,140	10
Adams, B.G. Chemistry New Brunswick	Electron correlation in atomic and molecular systems 2yr - 1st Inst.	Univ. Research Fellow	14,200	05
Adams, B.J. Civil Engineering Toronto	Analytical modelling of drainage system performance 3yr - 1st Inst.	Individual	13,250	06
Adams, K.G. Mechanical Eng. Waterloo	Computer-aided manufacturing 3yr - 1st Inst.	Individual	17,596	13
Adams, W.P. Geography Trent	Biologic and hydrologic roles of lake snow and ice	Individual	19,080	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Adamson, A.A. Pure Mathematics Waterloo	Relations of model theory to recursion theory, topos theory, computer science 3yr - 2nd Inst.	Individual	1,412	16
Adatia, A.K. Math/Statistics Regina	Robust estimation 3yr - 1st Inst.	Individual	4,000	14
Addicott, J.F. Zoology Alberta	Experimental analyses of patch dynamics, dispersal and mutualism in a plant-aphid-ant system 3yr - 1st Inst.	Individual	28,620	18
Adler, E.L. Electrical Eng. McGill	Acoustic surface wave devices and acoustooptic interactions 3yr - 1st Inst.	Individual	16,006	11
Adler, J.G. Physics Alberta	Electron tunneling spectroscopy 3yr - 2nd Inst.	Individual	45,071	15
Adorjan, L.A. Mining/Metallurgy Tech. Univ. N.S.	Development of an inertial fine particle contactor using orbital motion	Individual	14,840	04
Adoul, J.P.A. Génie électrique Sherbrooke	Traitement de l'information parlée 3ans - 1er vers.	Individuelle	16,218	11
Agarwal, V.K. Electrical Eng. McGill	Fault-Tolerance in VLSI systems	Individual	15,688	11
Agathos, S.N. Biochemical Eng. Western Ontario	Stabilization of Gramicidin S synthetase for the production of Gramicidin S 3yr - 1st Inst.	Individual	18,020	02
Aggarwala, B.D. Math/Statistics Calgary	Problems in continuum mechanics 3yr - 2nd Inst.	Individual	11,295	16
Agnew, G.B. Electrical Eng. Waterloo	High level protocols for integrated services in computer communication networks 3yr - 1st Inst.	Individual	12,402	11
Aherne, F.X. Animal Science Alberta	The etiology of degenerative joint abnormalities and leg weakness in swine 3yr - 2nd Inst.	Individual	23,970	01
Ahlborn, B. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 3rd Inst.	Team		15
Ahmad, M. Mathematics Québec-Montréal	Cost oriented study of multivariate sample with missing components 3yr - 2nd Inst.	Individual	3,381	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ahmad, M.O. Electrical Eng. Concordia	Multidimensional signal processing and its implementation using multimicroprocessor architecture 3yr - 1st Inst.	Individual	12,614	11
Ahmadi, M. Electrical Eng. Windsor	2-D filtering, software, and hardware development for monochrome and color image processing	Individual	12,826	11
Ahmed, A. Genetics Alberta	Mechanism of DNA transposition in E. coli 3yr - 3rd Inst.	Individual	34,280	02
Ahmed, N.U. Electrical Eng. Ottawa	1) Systems 2) Optimization 3yr - 2nd Inst.	Individual	25,970	11
Ahuja, H.N. Civil Engineering Memorial	Simulation model for construction project cost forecasting 3yr - 3rd Inst.	Individual	11,019	06
Aitchison, P.W. Applied Math. Manitoba	Solving large sparse linear systems 3yr - 1st Inst.	Individual	1,470	16
Aitcin, P.C. Génie civil Sherbrooke	Possibilité d'utilisation des déchets industriels et naturels en génie (projet PUDDING). Propriétés des bétons à base de granulats bulles fabriqués à partir de résidus de mine d'amiante 3ans - 2e vers.	Individuelle	21,200	06
Aitken, G.J.M. Electrical Eng. Queen's	Optical-digital signal processing 3yr - 2nd Inst.	Individual	17,872	11
Ajar, D. Sciences éducation Montréal	* Voir C.Dassa(Montréal) 3ans - 1er vers.	Equipe		12
Ajersch, F. Metallurgical Eng. Ecole Polytechnique	Gas-solid reactions in metallurgical systems 3yr - 3rd Inst.	Individual	13,957	04
Akben, M.G. Mining/Metal. Eng. McGill	Hot rolling of titanium and boron bearing HSLA steels 3yr - 2nd Inst.	Univ. Research Fellow	13,250	04
Akcoglu, M.A. Mathematics Toronto	Ergodic theory 3yr - 1st Inst.	Individual	34,000	16
Akl, S.G. Comp. & Info. Sc. Queen's	Design and analysis of algorithms	Individual	16,998	07
Akyel, C. Génie électrique Ecole Polytechnique	Chauffage micro-onde et mesures diélectriques en système actif 2ans - 1er vers.	Chercheur-boursier univ.	14,310	11

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Alagar, V.S. Computer Science Concordia	Complexity of secure and reliable computations 3yr - 3rd Inst.	Individual	15,304	07
Alalouf, I.S. Mathématiques Québec-Montréal	Approche aux modèles linéaires par l'analyse multidimensionnelle 3ans - 2e vers.	Individuelle	3,106	14
Albert, D.J. Psychology British Columbia	Inhibitory modulation of aggressive behavior 3yr - 1st Inst.	Individual	28,196	12
Albert, P.J. Biology Concordia	Chemosensory basis of host-plant selection by larvae of the eastern spruce budworm, Choristoneura fumiferana (Clem.) 3yr - 3rd Inst.	Individual	17,936	01
Albright, L.J. Biolog. Sciences Simon Fraser	Microbial interactions with micro- and macrointerfaces within aquatic ecosystems 3yr - 2nd Inst.	Individual	39,220	18
Alcock, C.B. Metal/Mat. Science Toronto	High temperature materials chemistry 3yr - 3rd Inst.	Individual	42,851	04
Alden, R.T.H. Elec. & Comp. Eng. McMaster	Power system dynamics	Individual	12,932	11
Alden, T.H. Metallurgical Eng. British Columbia	Mechanical activation of strain	Individual	12,720	04
Aldridge, K.D. Physics York	Laboratory studies in geophysical fluid dynamics 3yr - 3rd Inst.	Individual	24,486	10
Aleliunas, R. Computer Science Waterloo	Probabilistic algorithms and probabilistic methods	Individual	9,540	07
Alexander, J.C. Nutrition Guelph	Biological and chemical studies of fats used for frying foods 3yr - 2nd Inst.	Individual	23,444	01
Alexander, M.E. Physics Guelph	Influence of stellar hydrodynamics on globular cluster evolution	Individual	8,480	17
Alexander, P.H. Electrical Eng. Windsor	Electromagnetic field calculations 3yr - 1st Inst.	Individual	10,812	11
Alford, W.P. Physics Western Ontario	Reaction mechanism and nuclear spectroscopic studies using particle transfer reactions 3yr - 3rd Inst.	Individual	21,976	22
Al-Hussaini, A. Stats. Appl. Prob. Alberta	Martingale theory 3yr - 1st Inst.	Individual	5,880	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ali, M.A. Biologie Montréal	Physiologie de la vision chez les poissons 3ans - 1er vers.	Individuelle	42,777	01
Ali, M.K. Physics Lethbridge	Solitons and chaos in nonlinear mechanics 3yr - 2nd Inst.	Individual	2,120	15
Ali, M.M. Stat. & Actuar. Sc Western Ontario	Robustness of tests 3yr - 3rd Inst.	Individual	4,359	14
Ali, S.T. Mathematics Concordia	Quantum mechanics on stochastic phase spaces 3yr - 2nd Inst.	Individual	4,240	15
Alikhan, M.A. Biology Laurentian	Biochemical adaptations in animals to environmental stress 3yr - 1st Inst.	Individual	10,581	01
Allan, L.G. Psychology McMaster	Contingency in perception and judgment 3yr - 3rd inst.	Individual	21,426	12
Allard, F.A. Kinesiology Waterloo	Validation and applications of a motor skills taxonomy * with J.L.Starkes(McMaster) 3yr - 3rd Inst.	Team	6,611	12
Allard, J. Physique/math Moncton	Module d'une famille de mesures de probabilité et autres 3ans - 1er vers.	Individuelle	2,450	16
Allard, M. Géographie Laval	Les environnements côtiers de l'Hudsonie 2ans - 2e vers.	Individuelle	10,600	10
Allaway, W.R. Mathematical Sci. Lakehead	The umbral algebras and their applications 3yr - 1st Inst.	Individual	4,490	16
Allegretto, W. Mathematics Alberta	Behaviour of the solutions and of the spectrum of differential operators 3yr - 3rd Inst.	Individual	14,692	16
Allen, G.A. Biology Victoria	Species relationships of a polyploid complex in the genus Aster 3yr - 2nd Inst.	Individual	9,540	18
Allen, J.M. Geology Toronto	1) Experimental and field studies in metamorphic & igneous petrology 2) Petrology of Ca-Al-rich inclusions in the Allende meteorite 2yr - 2nd Inst.	Individual	12,720	10
Allen, O.B. Animal/Poultry Sc. Guelph	Linear models methodology in animal breeding and genetics 3yr - 1st Inst.	Individual	4,295	14
Allison, B.N. Mathematics Alberta	Nonassociative algebras arising in the construction of Lie algebras 3yr - 2nd Inst.	Individual	5,300	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Allnatt, A.R. Chemistry Western Ontario	1) Statistical mechanics 2) Thermal diffusion and electrical measurements in solids 3yr - 1st Inst.	Individual	45,050	05
Alloway, T.M. Psych. & Zoology Toronto	Behavioural analysis of slavery in the North American ants of the genera Leptothorax and Harpagoxenus 3yr - 3rd Inst.	Individual	33,669	12
Alper, H Chemistry Ottawa	Synthetic applications of organometallic compounds 3yr - 1st Inst.	Individual	63,958	05
Al-Salam, W.A. Mathematics Alberta	1) Orthogonal polynomials 2) Quadratic transformations 3) Polynomial sets 3yr - 2nd Inst.	Individual	17,490	16
Alspach, B.R. Mathematics Simon Fraser	An investigation of combinatorial problems 3yr - 1st Inst.	Individual	19,598	16
Al Taweel, A.M. Chemical Eng. Tech. Univ. N.S.	Turbulent interactions in multiphase systems 3yr - 1st Inst.	Individual	13,250	04
Altosaar, I. Biochemistry Ottawa	Sequence organization of seed protein genes in oat 3yr - 1st Inst.	Individual	13,599	03
Alvo, M. Mathematics Ottawa	Nonparametric methods/Sequential allocation 3yr - 1st Inst.	Individual	8,590	14
Alyea, E.C. Chemistry Guelph	Synthesis and characterization of molybdenum compounds 3yr - 1st Inst.	Individual	24,738	05
Amiot, J. Vivres Laval	Plastéines de colza 3ans - 3e vers.	Individuelle	17,140	01
Amiot, P.L. Physique Laval	Espaces riemanniens en dynamique (collective, classique, quantique) et en électromagnétisme 3ans - 2e vers.	Individuelle	3,710	15
Amit, Z. Psychology Concordia	Systematic investigation of the mechanisms underlying the positively reinforcing and CTA inducing properties of drugs 3yr - 3rd Inst.	Individual	18,365	12
Amram, M. Génie physique Ecole Polytechnique	Ecran acoustique ajouré pour réfracter les bruits de basses fréquences et les atténuer par effets de phase et d'interférences destructives, entre les ondes déphasées par l'écran ajouré et celles diffractées par cet obstacle 3ans - 2e vers.	Individuelle	13,992	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Anand, K.K. Mathematics Concordia	Study of non linear oscillations 3yr - 2nd Inst.	Individual	1,412	16
Anctil, M. Sciences biolog. Montréal	Physiologie comparée de la bioluminescence chez les animaux marins 3ans - 3e vers.	Individuelle	18,585	01
Andersen, K.F. Mathematics Alberta	Weighted inequalities for integral operators 3yr - 3rd Inst.	Individual	5,712	16
Andersen, R.J. Chemistry British Columbia	Natural products chemistry of British Columbia marine organisms 3yr - 1st Inst.	Individual	32,158	05
Anderson, A. Physics Waterloo	Studies of intermolecular forces by spectroscopic techniques 3yr - 3rd Inst.	Individual	32,045	15
Anderson, C.T. Mathematics British Columbia	Radicals and representations of algebras 3yr - 1st Inst.	Individual	4,410	16
Anderson, D.L. Civil Engineering British Columbia	Seismic analysis and design 3yr - 2nd Inst.	Individual	14,840	06
Anderson, E.G. Surveying Eng Calgary	Systematic errors in monitoring surveys 3yr - 1st Inst.	Individual	15,900	06
Anderson, G.H. Nutritional Sci. Toronto	Amino acids in the regulation of quantitative and qualitative aspects of food intake 3yr - 1st Inst.	Individual	41,900	01
Anderson, G.M. Geology Toronto	Metasomatic and ore-forming solutions 3yr - 2nd Inst.	Individual	33,920	10
Anderson, H.J. Chemistry Memorial	Synthesis and reactions of 5-membered heteroaromatic compounds * with C.E.Loader(Memorial) 3yr - 2nd Inst.	Team	11,130	05
Anderson, J.B. Botany Toronto	Diploidy and intersterility in the phytopathogenic fungus, Armillaria mellea 3yr - 3rd Inst.	Individual	19,589	03
Anderson, K.O. Civil Engineering Alberta	Recycling of asphalt pavements	Individual	8,000	06
Anderson, M.M. Biology Memorial	Contributions to palaeontology and stratigraphy, mainly Newfoundland 3yr - 2nd Inst.	Individual	10,070	10
Anderson, P.D. Biology Concordia	Paradigms for the assessment of the biological effects of jointly acting pollutants	Individual	9,540	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Anderson, P.K. Biology Calgary	Compromises between optimal foraging and predator avoidance 3yr - 1st Inst.	Individual	5,300	18
Anderson, R.B. Chemical Eng. McMaster	Catalysis and adsorption 2yr - 1st Inst.	Individual	39,750	04
Anderson, R.C. Zoology Guelph	Parasites of wild animals and the diseases they cause with special reference to nematodes 3yr - 2nd Inst.	Individual	50,258	01
Anderson, R.J. Mechanical Eng. Queen's	Dynamic analyses of road, rail and sea vehicles 3yr - 1st Inst.	Individual	17,628	13
Anderson, W.A. Biology Laval	Induction of prophage (lambda) by antineoplastic agents and carcinogens 3yr - 3rd Inst.	Individual	5,632	02
Anderson, W.J. Mathematics McGill	Applications of probability to physics, chemistry and engineering 3yr - 3rd Inst.	Individual	5,877	14
Andre, G. Génie chimique Ottawa	Evaluation of an integrated approach to the production and utilization of cellulases in view of the enzymatic saccharification of lignocellulosics 3ans - 1er vers.	Individuelle	13,780	04
Andrews, D.F. Statistics Toronto	Practical statistical procedures 3yr - 3rd Inst.	Individual	20,605	14
Andrews, D.G. Chemical Eng. Toronto	Nuclear engineering research	Individual	23,320	21
Andrews, G.C. Mechanical Eng. Waterloo	Adaptive control of a 5-axis robot	Individual	10,812	13
Aneja, Y.P. School of Admin. New Brunswick	* Refer to K.P.K.Nair(New Brunswick)	Team		07
Anger, C.D. Physics Calgary	Satellite, rocket, and ground-based studies of auroral phenomena 3yr - 3rd Inst.	Individual	79,580	17
Angers, R.H. Mines & métallurgie Laval	Développement de nouveaux matériaux par métallurgie des poudres 3ans - 3e vers.	Individuelle	26,200	04
Anisman, H. Psychology Carleton	Stress, coping mechanisms and neurochemical change 3yr - 1st Inst.	Individual	42,930	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ankney, C.D. Zoology Western Ontario	Ecological energetics and feeding ecology of birds 3yr - 2nd Inst.	Individual	28,620	18
Ansaldo, E.J. Physics Saskatchewan	* Refer to J.H.Brewer(British Columbia)	Project		22
Ansaldo, E.J. Physics Saskatchewan	Nuclear structure by scattering hyperfine interactions	Individual	31,800	22
Anstee, R. Combin./Optimiz. Waterloo	Combinatorial matrix theory 3yr - 2nd Inst.	Univ. Research Fellow	5,512	16
Anstis, S.M. Psychology York	Human perception of apparent motion 3yr - 2nd Inst.	Individual	20,140	12
Antippa, A.F. Physique Qué.-Trois-Riv.	Potentiels des confinements des quarks 3ans - 3e vers.	Individuelle	8,411	15
Antonelli, P.L. Mathematics Alberta	Applications of differential geometry and algebraic topology to biology and physics	Individual	8,819	16
Antoniou, A. Electrical Eng. Concordia	Analysis and design of digital filters 3yr - 3rd Inst.	Individual	9,868	11
Antoniou, A. Electrical Eng. Victoria	Analysis and design of digital filters 3yr - 3rd Inst.	Individual	13,394	11
Antoun, H. Sols Laval	Métabolisme du carbone en relation avec l'activité de la nitrogénase chez Rhizobium meliloti 3ans - 3e vers.	Individuelle	11,019	02
Antoun, H. Chimie Québec-Montréal	* Chercheur principal G.A.Capuano(Qué.-Mont.) 3ans - 3e vers.	Equipe		04
Aplevich, J.D. Electrical Eng. Waterloo	Computer-aided control system design 3yr - 1st Inst.	Individual	13,886	11
Appleyard, E.C. Earth Sciences Waterloo	Element mobilities in metasomatic rocks 2yr - 2nd Inst.	Individual	5,936	10
Apsimon, J.W. Chemistry Carleton	The synthesis, structure and function of natural products 3yr - 2nd Inst.	Individual	38,160	05
Arabi, S. Chimie Sherbrooke	Etude de la structure des complexes \HM(CO)3L3 + (M=Mo,W) et de la réactivité de la liaison M-H	Individuelle	15,900	05
Arai, H.P. Biology Calgary	Biology of host-parasite associations 3yr - 3rd Inst.	Individual	15,916	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Arai, M.N. Biology Calgary	Studies on the biology of coelenterates 3yr - 1st Inst.	Individual	8,896	01
Arbuckle-Maag, T.Y. Psychology Concordia	Changes in memory over the adult years: Deficits or differences 3yr - 2nd Inst.	Individual	8,480	12
Arcelus, F.J. School of Admin. New Brunswick	Optimization problems in scheduling and tool wear processes * with R.Chandra(New Brunswick) 3yr - 1st Inst.	Team	12,300	20
Archer, N.P. Prod./Manage. Sci. McMaster	Computer systems capacity planning/stochastic systems modelling 3yr - 3rd Inst.	Individual	13,467	20
Archibald, J.F. Mineral Eng. Queen's	The behaviour of frozen backfill in underground mines 3yr - 1st Inst.	Individual	10,600	04
Argyropoulos, S. Mining/Metal. Eng. McGill	Automatic control of liquid steel, chemistry and quality 3yr - 3rd Inst.	Univ. Research Fellow	12,243	04
Ariaratnam, S.T. Civil Engineering Waterloo	Dynamic stability of structures 3yr - 2nd Inst.	Individual	30,740	06
Arjomandi, E. Computer Science York	Design and analysis of sequential and parallel algorithms 3yr - 1st Inst.	Individual	5,000	07
Arlin, P.K. Educational Psych. British Columbia	Adolescent and adult thought: A search for structures 3yr - 2nd Inst.	Individual	9,540	12
Arminjon, P. Math/statistiques Montréal	Analyse numérique de problèmes aux dérivées partielles en mécanique des fluides et en météorologie 3ans - 3e vers.	Individuelle	6,937	16
Armstrong, D.A. Chemistry Calgary	Studies of electron transfer, free radical and ion neutralisation reactions 3yr - 1st Inst.	Individual	52,119	05
Armstrong, J.B. Biology Ottawa	Genetic analysis of vertebrate development 3yr - 1st Inst.	Individual	29,680	02
Armstrong, R.L. Geological Sciences British Columbia	Geochronometry of Cordilleran rocks and isotope studies of crustal evolution 3yr - 3rd Inst.	Individual	61,215	10
Armstrong, R.L. Physics Toronto	Condensed matter physics 3yr - 2nd Inst.	Individual	64,141	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Armstrong, W.W. Computer Science Alberta	Robot vision and internal database structures 3yr - 2nd Inst.	Individual	24,135	07
Arnason, J.T. Biology Ottawa	Secondary metabolites as naturally occurring protective agents in plants 3yr - 1st Inst.	Individual	17,213	03
Arnold, D.R. Chemistry Dalhousie	1) Radical ions in photochemistry and electrochemistry 2) Substituent effects on radicals and radical like intermediates 3yr - 1st Inst.	Individual	59,718	05
Aroca, R. Chemistry Toronto	Raman and fluorescence studies of phthalocyanine films	Individual	16,960	05
Arockiasamy, M. Engineering Memorial	1) Probabilistic foundation analysis of gravity platforms and storage tanks 2) Dynamic response of semi-submersible and tension leg platforms to ice 3yr - 2nd Inst.	Individual	14,840	06
Aronoff, S. Chemistry Simon Fraser	Biosynthesis of chlorophyll b.	Individual	16,260	03
Arora, D.J.S. Ctre. Rech.-Virol. Québec - IAF	Etudes sur la protéine bifonctionnelle de souches d'influenza humain 3ans - 2e vers.	Individuelle	15,900	02
Arp, P.A. Forest Resources New Brunswick	Organo-metal-phosphate chemistry in forest soils 3yr - 3rd Inst.	Individual	9,794	03
Arrott, A.S. Physics Simon Fraser	* Refer to P.W.Percival(Simon Fraser)	Project		22
Arrott, A.S. Physics Simon Fraser	* Refer to D.G.Fleming(British Columbia)	Project		22
Arrott, A.S. Physics Simon Fraser	Studies of cooperative phenomena: magnetism in metals; order in liquids 3yr - 1st Inst.	Individual	75,260	15
Arsenault, H.H. Physique Laval	Optical and digital signal processing 3ans - 2e vers.	Individuelle	26,002	15
Arthur, J.G. Mathematics Toronto	Applications of the trace formula 3yr - 1st Inst.	Individual	32,000	16
Ascher, U.M. Computer Science British Columbia	Interactive numerical solutions to differential equations and approximation problems 3yr - 3rd Inst.	Individual	15,916	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Dépantement University/Université	Title/Titre	Type/Genre	$	Committee Comité
Asfour, A.F.A. Chemical Eng. Windsor	Three-phase fluidization 3yr - 1st Inst.	Individual	13,780	04
Ashcroft, E.A. Computer Science Waterloo	Development of the language Lucid 3yr - 2nd Inst.	Individual	32,902	07
Ashkar, F. INRS-Eau Québec - INRS	Analyse probabiliste du débit de pointe, de la durée et du volume des crues 3ans - 1er vers.	Individuelle	11,660	06
Ashtakala, B. Civil Engineering Concordia	Generalized trip distribution model 3yr - 1st Inst.	Individual	12,720	06
Ashwood-Smith, M.J. Biology Victoria	Environmental mutagenesis in bacteria, yeasts and mammalian cells 3yr - 3rd Inst.	Individual	37,953	02
Aspinall, G.O. Chemistry York	Complex carbohydrates 3yr - 3rd Inst.	Individual	35,505	05
Aston, W.P. Micro/Immunology Queen's	Structural and functional studies on the components of the bovine complement system and invertebrate complement-like systems 3yr - 3rd Inst.	Individual	18,365	02
Atherton, D.L. Physics Queen's	Applied magnetics 3yr - 1st Inst.	Individual	32,648	11
Atkinson, B.G. Zoology Western Ontario	Regulation of gene expression 3yr - 1st Inst.	Individual	31,800	02
Atkinson, F.V. Mathematics Toronto	Asymptotic theory of ordinary differential equations, orthogonal polynomials 3yr - 3rd Inst.	Individual	12,856	16
Atkinson, H.R. Mathematics Windsor	Theory of measurable selections 3yr - 1st Inst.	Individual	1,470	16
Atkinson, J.B. Physics Windsor	Studies of atomic and molecular fluorescence	Individual	10,600	15
Atkinson, M.D. Computer Science Carleton	Algorithms in algebra and geometry	Individual	10,600	07
Atwal, O.S. Biomed Sciences Guelph	Morphologic correlates of 3-methylindole-induced pneumonitis - etiology, pathogenesis and management in ruminants 3yr - 2nd Inst.	Individual	8,480	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Atwater, J.W. Civil Engineering British Columbia	Characterization and treatment of landfill leachate	Individual	13,780	06
Atwood, H.L. Zoology Toronto	Ultrastructural correlates of synaptic function in arthropods 3yr - 2nd Inst.	Individual	58,300	02
Atwood, J.W. Computer Science Concordia	Computer system structures 3yr - 1st Inst.	Individual	12,951	07
Aubin, M.J. Physique Sherbrooke	Structure de bande des semiconducteurs composés 3ans - 3e vers.	Individuelle	16,822	15
Aubke, F. Chemistry British Columbia	The preparation and characterization of inorganic fluorine containing compounds of main group and transitional elements	Individual	21,200	05
Auclair, J.C. INRS - Eau Québec - INRS	Cinétique chimique environnementale: modulateur de la communauté phytoplanctonique	Individual	10,600	18
Auclair, J.L. Sciences biolog. Montréal	Nutrition et métabolism chez les insectes suceurs-phytophages 3ans - 2e vers.	Individuelle	38,690	01
Aue, W.A. Chemistry Dalhousie	Organic trace analysis 3yr - 2nd Inst.	Individual	52,470	05
Auer, J.W. Mathematics Brock	Stress-energy tensors for relativistic gases 3yr - 1st Inst.	Individual	1,000	16
Aujame, L. Biology Ottawa	Expression of Drosophila heat-shock genes in mouse L cells 2yr - 2nd Inst.	Individual	598	02
Aujame, L. Biology Queen's	Expression of Drosophila heat - shock genes in mouse L cells 2yr - 2nd Inst.	Individual	19,542	02
Auld, E.G. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Auld, E.G. Physics British Columbia	* Refer to B.L.White(British Columbia)	Project		22
Auman, J.R. Geophys./Astron. British Columbia	The atmospheres of late-type stars; The structure of galaxies and QSO's 3yr - 1st Inst.	Individual	5,300	17
Aupetit, B.H. Mathématiques Laval	Travaux sur les algèbres de Banach et les algèbres de fonctions 3ans - 1er vers.	Individuelle	18,000	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Aurilia, A. Physics York	Properties and applications of the generalized maxwell fields 3yr - 1st Inst.	Individual	8,680	15
Aurilia, A. Physics Toronto	Properties and applications of the generalized Maxwell fields 3yr - 1st Inst.	Individual	1,920	15
Aust, K.T. Metal/Mat. Science Toronto	Interfacial structures and properties of metallic materials 3yr - 1st Inst.	Individual	41,340	04
Austin, G.L. Physics McGill	Radar and satellite meteorology 3yr - 1st Inst.	Individual	39,718	17
Avis, D.M. Computer Science McGill	Combinatorial and geometric algorithms 3yr - 1st Inst.	Individual	19,666	07
Axelrad, D.R. Mechanical Eng. McGill	Bonding behaviour and fracture mechanics in polymeric and metallic interfaces 3yr - 1st Inst.	Individual	38,902	13
Axen, D.A. Physics British Columbia	IEP-25 - The nucleon-nucleon interaction * with M.Comyn, G.A.Ludgate(British Columbia)	Project	36,750	22
Axen, D.A. Physics British Columbia	* Refer to B.L.White(British Columbia)	Project		22
Axan, D.A. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Ayer, W.A. Chemistry Alberta	Structural and synthetic studies in natural products 3yr - 3rd Inst.	Individual	61,215	05
Ayres, L.D. Earth Sciences Manitoba	Physical volcanology, stratigraphy, and geochemistry of Precambrian and Early Paleozoic volcanoes 3yr - 3rd Inst.	Individual	20,813	10
Azad, R.S. Mechanical Eng. Manitoba	The structure of turbulent shear flow 3yr - 3rd Inst.	Individual	25,710	13
Aziz, R.A. Physics Waterloo	Properties of substances at low temperatures 3yr - 1st Inst.	Individual	30,239	15
Aziz, T. Civ Eng/Eng Mech McMaster	Seismic design of equipment and components 3yr - 1st Inst.	Individual	11,660	06
Azuma, R.E. Physics Toronto	* Refer to T.E.Drake(Toronto)	Project		22
Azuma, R.E. Physics Toronto	IEP-109 - (p,p') Reactions in nuclei * with T.E.Drake,J.D.King, S.S.M.Wong(Toronto)	Project	42,000	22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Azuma, R.E. Physics Toronto	Nuclear structure and nuclear astrophysics. The weak interaction via delayed particle emission and precision mass measurements. Nuclei far from stability 3yr - 3rd Inst.	Individual	44,075	22
Baadsgaard, H. Geology Alberta	Isotope geology of: Archean polymetamorphic rocks, pyroclastic beds, uranium deposits and salt beds 3yr - 2nd Inst.	Individual	37,630	10
Baarschers, W.H. Chemistry Lakehead	Biodegradation of pesticides by micro-organisms 3yr - 1st Inst.	Individual	15,900	21
Baass, K.G. Génie civil Ecole Polytechnique	Etude du découpage de zones appliquées aux modèles de planification des transports 3ans - 1er vers.	Individuelle	13,250	06
Bach, G.G. Mechanical Eng. McGill	Mathematical physics of fluids	Individual	15,900	13
Bacharach, V.R. Psychology Acadia	Ocularmotor activity and mental imagery 3yr - 3rd Inst.	Individual	6,122	12
Back, M.H. Chemistry Ottawa	Kinetic studies of the reactions of hydrocarbons and of the formation and reactivity of carbon 3yr - 1st Inst.	Individual	22,439	05
Back, T.G. Chemistry Calgary	Organoselenium chemistry: Novel structures, reactions and applications 3yr - 1st Inst.	Individual	29,329	05
Bacon, D.W. Chemical Eng. Queen's	Statistical methodology in chemical engineering 3yr - 1st Inst.	Individual	19,610	04
Badakhshan, A. Chemical/Pet. Eng. Calgary	Enhanced recovery of oil in carbonate (fractured) reservoirs	Individual	14,310	04
Baddour, R.E. Civil Engineering Western Ontario	Turbulent stratified flows 3yr - 1st Inst.	Individual	12,720	06
Bader, G. Physique/math Moncton	Réflexion et transmission électronique à basse énergie	Individuelle	10,600	15
Bader, R.F.W. Chemistry McMaster	Prediction and understanding of chemistry in terms of the properties of molecular charge distributions 3yr - 1st Inst.	Individual	61,480	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Baer, A.J. Science Ottawa	1) Structural studies in the Grenville Province 2) Evolution of Proterozoic orogenes 3yr - 2nd Inst.	Individual	19,080	10
Baer, H.H. Chemistry Ottawa	Organic chemistry of carbohydrates 3yr - 2nd Inst.	Individual	38,160	05
Baikie, L.D. Civil Engineering Tech. Univ. N.S.	Behaviour of buried flaxible structures 3yr - 3rd Inst.	Individual	12,243	06
Bailey, E.D. Zoology Guelph	Development of the communication system of Bobwhite quail * with R.W.Gatehouse(Guelph) 3yr - 1st Inst.	Team	6,360	01
Bailey, R.C. Physics/Geology Toronto	Electromagnetic sounding of the earth's crust and mantle 3yr - 1st Inst.	Individual	16,960	10
Bailey, W.G. Geography Simon Fraser	The role of atmospheric and surface factors in evaporation from cool surfaces 2yr - 1st Inst.	Individual	11,660	10
Baille, P.P.M. Mathematics York	1) Computations of bulk electronic diffusion properties in atomic and molecular plasmas 2) Numerical tests of the Gauss-Möbius quadrature method 3yr - 2nd Inst.	Individual	1,272	15
Baillie, D.L. Biolog. Sciences Simon Fraser	Genetic organization in a higher organism 3yr - 2nd Inst.	Individual	39,220	02
Bailon, J.P.B. Génie métall. Ecole Polytechnique	Propriétés en fatigue des métaux. Applications de la spectroscopie des électrons Auger 3ans - 1er vers.	Individuelle	32,224	04
Baines, W.D. Mechanical Eng. Toronto	Diffusion of momentum and energy in turbulent shear flows 3yr - 2nd Inst.	Individual	37,842	13
Baird, M.C. Chemistry Queen's	Organometallic chemistry of the transition elements 3yr - 3rd Inst.	Individual	36,729	05
Baird, M.H.I. Chemical Eng. McMaster	Mixing and mass transfer studies 3yr - 1st Inst.	Individual	27,666	04
Baird, N.C. Chemistry Western Ontario	Theoretical chemistry calculations of reactive free radicals 3yr - 3rd Inst.	Individual	22,650	05
Baker, A.G. Psychology McGill	Contextual conditioning, analgesia and the temporal cognitive map 3yr - 1st Inst.	Individual	14,840	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Baker, A.J. Zoology Toronto	Evolutionary genetics and phenetics of birds 3yr - 2nd Inst.	Individual	23,320	18
Baker, C.A. Math/Comp Science Mount Allison	Hjelmslev planes/finite projective planes 3yr - 2nd Inst.	Individual	1,942	16
Baker, J.A. Pure Mathematics Waterloo	Functional equations and analysis 3yr - 3rd Inst.	Individual	4,283	16
Baker, M.R. Zoology Guelph	The parasitic diseases of the lower vertebrates 3yr - 3rd Inst.	Univ. Research Fellow	12,243	01
Baker, R.J. Crop Dev. Ctre. Saskatchewan	Quantitative genetics of yield-related traits in spring wheat 3yr - 2nd Inst.	Individual	21,200	03
Baker, R.L. Zoology Toronto	Spacing behaviour by larval Zygoptera: Evidence from field populations 3yr - 1st Inst.	Individual	14,840	18
Bakhshi, N.N. Chemical Eng. Saskatchewan	1) Fischer-Tropsch synthesis: Production of lower olefins 2) Reactor modelling studies 3yr - 1st Inst.	Individual	16,748	04
Bakos, G.A. Physics Waterloo	Spectrographic and photometric studies of binary stars 3yr - 3rd Inst.	Individual	4,897	17
Bal, A.K. Biology Memorial	Cell Biology of symbiotic nitrogen fixation 3yr - 2nd Inst.	Individual	27,560	02
Balahura, R.J. Chemistry Guelph	Inorganic reaction mechanisms 3yr - 1st Inst.	Individual	28,269	05
Balasubramanian, R. Electrical Eng. New Brunswick	Analysis and design of nonlinear multivariable systems 3yr - 3rd Inst.	Individual	12,733	11
Balatinecz, J.J. Forestry Toronto	Development and evaluation of methods to improve the properties of waferboard 3yr - 2nd Inst.	Individual	15,900	06
Baldur, R. Génie mécanique Ecole Polytechnique	* Chercheur principal A.Bazerqui(Ecole Polytech.) 3ans - 2e vers.	Equipe		13
Bale, C.W. Génie métall. Ecole Polytechnique	Thermodynamics of high temperature multicomponent systems 3ans - 3e vers.	Individuelle	16,406	04
Balfour, W.J. Chemistry Victoria	Electronic spectroscopy of small molecules 3yr - 3rd Inst.	Individual	19,589	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Baliga, B.R. Mechanical Eng. McGill	Numerical and experimental prediction of practical fluid flow and heat transfer phenomena 3yr - 3rd Inst.	Individual	12,856	13
Ball, G.E. Entomology Alberta	Studies in insect taxonomy 3yr - 2nd Inst.	Individual	39,220	18
Ball, P.W. Botany Toronto	1) Taxonomy of Carex in Eastern Canada 2) Studies in the flora of Eastern Canada 3yr - 1st Inst.	Individual	11,130	18
Ballantyne, D.J. Biology Victoria	The inhibition of plant metabolism by fluoride and sulfite 3yr - 3rd Inst.	Individual	6,122	03
Ballard, T.M. Soil Science British Columbia	Conifer micronutrient deficiencies 3yr - 2nd Inst.	Individual	8,480	03
Ballentine, L.E. Physics Simon Fraser	Electronic properties of liquid and amorphous metals 3yr - 1st Inst.	Individual	19,578	15
Ballik, E.A. Eng. Physics McMaster	Investigations and applications of lasers	Individual	24,698	11
Ballivy, G. Génie civil Sherbrooke	Comportement des coulis d'étanchéité et de scellement dans le roc: ancrages, pieux, barrages 3ans - 3e vers.	Individuelle	17,753	10
Balmain, K.G. Electrical Eng. Toronto	Antenna systems and electrodynamics 3yr - 1st Inst.	Individual	52,988	11
Balon, E.K. Zoology Guelph	Comparative developmental biology of fishes with emphasis on epigenetic patterns and processes	Individual	20,757	01
Baltes, H.P. Electrical Eng. Alberta	Inverse scattering/magnetic sensors	Individual	32,330	11
Balzarini, D.A. Physics British Columbia	Optical studies of phase transitions in pure fluids, binary fluids and liquid crystals and of blood flow in retinal vessels 3yr - 2nd Inst.	Individual	18,900	15
Banaschewski, B. Mathematical Sci. McMaster	1) Functional analysis in sheaves; 2) Sigma-frames; 3) Categorical aspects of algebra 3yr - 3rd Inst.	Individual	28,564	16
Bancroft, G.M. Chemistry Western Ontario	Photoelectron and Mössbauer studies in inorganic chemistry and geochemistry 3yr - 2nd Inst.	Individual	58,300	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bandler, J.W. Elec. & Comp. Eng. McMaster	Efficient simulation and optimization of electronic circuits and power systems 3yr - 2nd Inst.	Individual	43,036	11
Bandoni, R.J. Botany British Columbia	Studies in the systematics and biology of lower basidiomycetes 3yr - 1st Inst.	Individual	37,100	03
Bandrauk, A.D. Chimie Sherbrooke	Théories des processus à champ intense 3ans - 1er vers.	Individuelle	40,638	05
Banerjee, P.K. Math/Statistics New Brunswick	On sequential estimation 3yr - 3rd Inst.	Individual	2,069	14
Banister, E.W. Kinesiology Simon Fraser	The role of ammonia in the production of convulsive and fatigued states 3yr - 2nd Inst.	Individual	21,200	01
Banville, M. Physique Sherbrooke	Plasmons et propriétés optiques des systèmes stratifiés et des systèmes quasi-uni-dimensionels et monocouches moléculaires 3ans - 2e vers.	Individuelle	8,321	15
Barber, E.M. Agricult. Eng. Saskatchewan	Contaminant transfer rates in confinement livestock buildings 3yr - 1st Inst.	Individual	15,476	13
Barber, R.C. Physics Manitoba	Atomic mass determinations * with H.E.Duckworth(Manitoba)	Team	64,660	22
Barbery, G.A. Mines & métallurgie Laval	Etude des phénomènes qui controlent la sélectivité en minéralurgie	Individuelle	15,370	04
Barclay, B.J. Biolog. Sciences Brock	Studies of the regulation of pyrimidine deoxyribonucleotide metabolism in yeast 3yr - 1st Inst.	Individual	27,560	02
Barclay, D.W. Math/Statistics New Brunswick	Wave propagation 3yr - 2nd Inst.	Individual	3,943	16
Barclay, J.K. Biomed Sciences Guelph	Factors and mechanisms limiting muscle performance 3yr - 2nd Inst.	Individual	14,840	01
Barclay, L.R.C. Chemistry Mount Allison	1) Autoxidation of biomembranes 2) Aromatic compounds 3) Free radical rearrangements 3yr - 2nd Inst.	Individual	34,980	05
Barclay, R.M.R. Zoology Manitoba	Foraging strategies and social organization of insectivorous bats 3yr - 1st Inst.	Univ. Research Fellow	16,960	18

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bard, C. Education physique Laval	L'étude des mécanismes perceptuels, moteurs et de contrôle sous-tendant la coordination visuo-manuelle d'interception d'un stimulus en mouvement 3ans - 3e vers.	Individuelle	7,346	12
Barham, D. Chemical Eng. Toronto	Phase equilibrium and corrosion studies related to kraft pulp mill recovery furnace operation 3yr - 3rd Inst.	Individual	10,897	04
Baribeau-Braun, J. Psychologie Concordia	Correlats neurophysiologiques d'attention selective chez les humains 3ans - 1er vers.	Individuelle	13,250	12
Baril, M. Physique Laval	Application de l'optique corpusculaire à l'amélioration des techniques de spectrométrie de masse 3ans - 1er vers.	Individuelle	23,097	15
Barker, J.F. Earth Sciences Waterloo	Aspects of organic and bio-geochemistry in the groundwater environment 2yr - 2nd Inst.	Individual	14,310	10
Barker, W.G. Botany & Genetics Guelph	Growth and development of plants and plant organs 3yr - 3rd Inst.	Individual	4,897	03
Barlow, A.C. Biology Carleton	Effects of insect herbivores on plant growth and productivity and energetics of plant-parasite-predator systems	Individual	20,140	18
Barlow, J.C. Zoology Toronto	Evolutionary implications of quantitative studies of bird behaviour, morphology and genetics 3yr - 1st Inst.	Individual	15,900	18
Barnard, A.J. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 3rd Inst.	Team		15
Barnard, D.T. Comp. & Info. Sc. Queen's	Construction and correctness of system software 3yr - 1st Inst.	Individual	16,632	07
Barnes, C.R. Earth Sciences Memorial	Conodont taxonomy, biostratigraphy, paleoecology, and biogeography 3yr - 2nd Inst.	Individual	36,570	10
Barnsley, E.A. Biochemistry Memorial	Catabolic plasmids, structure and regulation 3yr - 1st Inst.	Individual	13,780	02
Baron, G.P.J. Sciences biolog. Montréal	Organisation morpho-fonctionnelle de l'encéphale et adaptations éco-éthologiques chez les mammifères 3ans - 3e vers.	Individuelle	8,570	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Barr, D.W. Zoology Toronto	1) Mechanisms of aquatic adaptations in mites. 2) Macro-locomotory patterns 3yr - 3rd Inst.	Individual	14,815	01
Barr, M. Mathematics McGill	Triples, toposes & theories 3yr - 1st Inst.	Individual	29,397	16
Barr, S.I. Nutrition British Columbia	Interaction of ethanol and exercise on plasma and liver lipids 3yr - 1st Inst.	Individual	15,900	01
Barr, S.M. Geology Acadia	Petrology, petrogenesis, and economic potential of igneous rocks from southern Nova Scotia, Cape Breton Island and Thailand 3yr - 3rd Inst.	Individual	17,140	10
Barradas, R.G. Chemistry Carleton	Electrochemistry and electrochemical technology 3yr - 2nd Inst.	Individual	32,860	05
Barresi, J. Psychology Dalhousie	Processing perceptual structure 3yr - 3rd Inst.	Individual	7,346	12
Barrett, F.M. Zoology Toronto	Physiology and biochemistry of insect growth and metamorphosis 3yr - 3rd Inst.	Individual	15,304	01
Barrett, S.C.H. Botany Toronto	The ecological genetics and evolution of breeding systems in the Pontederiaceae 3yr - 3rd Inst.	Individual	24,486	18
Barrett, T.J. Geology Toronto	Stratigraphy and geochemistry of Fe-rich sedimentary deposits 3yr - 3rd Inst.	Univ. Research Fellow	14,080	10
Barrie, R. Physics British Columbia	Theoretical topics in solid state physics - optical properties of semiconductors 3yr - 3rd Inst.	Individual	14,643	15
Barrodale, I. Computer Science Victoria	Approximation algorithms 3yr - 3rd Inst.	Individual	24,486	07
Barron, G.L. Environ. Biology Guelph	Fungal parasites and predators of microscopic animals 3yr - 2nd Inst.	Individual	30,740	03
Barron, R.M. Mathematics Windsor	1) Computational fluid dynamics 2) Adaptive-wall wind tunnels 3) Magneto-fluid-dynamics 3yr - 1st Inst.	Individual	6,530	16
Barron, R.W. Psychology Guelph	Functions and mechanisms of visual and phonological information in reading and spelling 3yr - 3rd Inst.	Individual	11,142	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bartels, R.H. Computer Science Waterloo	Constrained data fitting - numerical techniques 3yr - 3rd Inst.	Individual	22,037	07
Bartnikas, R. Génie-physique Ecole Polytechnique	Effect of temperature upon the discharge induced degradation of polyethylene 2ans - 1er vers.	Individuelle	18,338	11
Barton, R. Physics/Astronomy Regina	* Principal investigator B.E.Robertson(Regina) 3yr - 3rd Inst.	Team		05
Barton, T.H. Electrical Eng Calgary	Power electronics and electric drive dynamics	Individual	18,974	11
Base, T.E. Mechanical Eng. Western Ontario	Analytical and experimental studies on forced convective heat transfer in two phase, turbulent flows 3yr - 1st Inst.	Individual	16,430	13
Basinger, J.F. Geological Sciences Saskatchewan	Cretaceous and early Tertiary flowering plants from Western Canada 3yr - 3rd Inst.	Univ. Research Fellow	12,243	10
Basmadjian, D. Chemical Eng. Toronto	Interactive heat & mass transfer in multisolute fluid flow through solid matrices. Transport processes in elastic tubes 3yr - 3rd Inst.	Individual	13,957	04
Basrur, P.K. Biomed Sciences Guelph	Inherited stress susceptibility and subfertility in domestic animals 3yr - 1st Inst.	Individual	23,722	01
Bass, D.W. Mathematics Memorial	Dynamic stability of ocean vehicles 3yr - 2nd Inst.	Individual	4,354	16
Bassim, M.N. Mechanical Eng. Manitoba	On fracture of ductile materials: Effect of microstructure and mechanical properties 3yr - 3rd Inst.	Individual	13,957	04
Bassman, J.H. Forest Science British Columbia	Effect of defoliation in the developing leaf zone of young Populus. Leaf development and biochemical investigations	Individual	12,720	03
Bastien, P. Physique Montréal	Etudes théoriques et observations sur la formation des étoiles 3ans - 2e vers.	Chercheur-boursier univ.	21,249	17
Bataille, P.F. Génie chimique Ecole Polytechnique	Etude de procédés de polymérisation 3ans - 2e vers.	Individuelle	14,522	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Batchelor, B.D. Civil Engineering Queen's	Plastic analysis applied to shear in reinforced concrete 3yr - 3rd Inst.	Individual	20,813	06
Bate, J.A. Computer Science Manitoba	A hardware aid for dynamic array-structured data manipulation	Individual	7,727	07
Bates, G.S. Chemistry British Columbia	Natural products synthesis and synthetic methods development	Individual	26,500	05
Bates, T.E. Land Resource Sc Guelph	Heavy metal uptake from soils 3yr - 2nd Inst.	Individual	13,780	03
Batten, L.M. Mathematics Winnipeg	1) Existence problems in finite projective planes 2) Problems in algebraic number theory 3yr - 2nd Inst.	Individual	1,412	16
Baudais, F.L. Chemistry Guelph	The analytical application if IR ellipsometry in surface analysis; The analytical application of UPS for the selective detection of large organic molecules	Individual	12,720	05
Bauer, A. Mining Eng. Queen's	Simulation and structural response to blasting and vibrations 3yr - 1st Inst.	Individual	14,840	06
Bauer, G.E.A. Civil Engineering Carleton	1) In-situ measurement of shear strength in Champlain sea clay 2) Bearing capacity of footings in granular slopes 3yr - 2nd Inst.	Individual	20,140	06
Bauer, M.A. Computer Science Western Ontario	Theories and methods to aid in software design and development 3yr - 1st Inst.	Individual	14,154	07
Bawa, P.N.S. Kinesiology Simon Fraser	Development of motor system in the cat 3yr - 1st Inst.	Individual	18,780	01
Bayley, H.S. Nutrition Guelph	Measurement of amino acid requirements of pigs 3yr - 1st Inst.	Individual	44,479	01
Bayley, S.T. Biology McMaster	Transcription and translation in human adenovirus serotype 5 3yr - 2nd Inst.	Individual	33,920	02
Baylis, W.E. Physics Windsor	Theory of atomic interactions 3yr - 3rd Inst.	Individual	26,041	15
Bayliss, P. Geology & Geophys. Calgary	Applied crystallographic-mineralogy 3yr - 2nd Inst.	Individual	10,070	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bayoumi, M.M. Electrical Eng. Queen's	1) On-line computer control of power systems 2) Simulation, optimization and control of long multi-locomotive powered freight trains 3yr - 3rd Inst.	Individual	10,774	11
Bazergui, A. Génie mécanique Ecole Polytechnique	Sollicitation de géométries complexes avec applications aux réservoirs sous pression * avec R.Baldur, A.Biron, T.Bui-Quoc, C.A.Laberge(Montréal) 3ans - 2e vers.	Equipe	106,742	13
Bazinet, R. Génie minéral Ecole Polytechnique	Prospection magnétotellurique	Individuelle	7,420	10
Beal, J.C. Electrical Eng. Queen's	Electromagnetic aspects of guided radar and leaky coaxial cables 3yr - 1st Inst.	Individual	14,204	11
Beales, F.W. Geology Toronto	Stratigraphy and stratabound mineral deposits 3yr - 2nd Inst.	Individual	28,620	10
Beamish, F.W.H. Zoology Guelph	Ecophysiology of cyclostomes and teleost fishes 3yr - 2nd Inst.	Individual	37,630	01
Beattie, M.A. Math/Comp Science Mount Allison	The brauer group of H-dimodule algebras 3yr - 1st Inst.	Individual	3,180	16
Beattie, R.J. Math/Comp Science Mount Allison	The closed graph theorem and Hahn-Banach theorem in convergence vector spaces 3yr - 2nd Inst.	Individual	2,472	16
Beatty, J.C. Computer Science Waterloo	Interactive computer graphics 3yr - 1st Inst.	Individual	27,369	07
Beauchamp, A.L. Chimie Montréal	Etude structurale de complexes métalliques avec les bases nucléiques 3ans - 3e vers.	Individuelle	21,426	05
Beauchamp, E.G. Land Resource Sc Guelph	Denitrification in soils 3yr - 1st Inst.	Individual	48,230	03
Beaudet, G. Physique Montréal	Structure stellaire et nucléosynthèse 3ans - 1er vers.	Individuelle	10,600	17
Beaudet, R. Bactériologie Québec - IAF	* Chercheur principal M.Sylvestre(Qué.-I.A.F.) 2ans - 2e vers.	Equipe		02
Beaudoin, A.R. Biologie Sherbrooke	Mécanismes de sécrétion de la cellule acineuse du pancréas exocrine 3ans - 3e vers.	Individuelle	24,486	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Beaulieu, D. Génie civil Laval	1) Comportement des diaphragmes d'acier 2) Flambement des poteaux 3) Résistance de pièces comprimées contreventées 3ans - 2e vers.	Individuelle	14,840	06
Beaumont, C. Oceanography Dalhousie	Earth rheology and geodynamics 3yr - 2nd Inst.	Individual	40,810	10
Beaumont, G. Biologie Sherbrooke	Influence des quantités résiduelles d'herbicide (atrazine) sur l'ultrastructure des chloroplastes et ses constituants membranaires et sur le métabolisme des acides gras de Lemna minor L. * avec G.Grenier(Sherbrooke) 3ans - 3e vers.	Equipe	18,365	03
Beck, A.E. Geophysics Western Ontario	Geothermal problems, pure and applied 3yr - 1st Inst.	Individual	32,860	10
Beckenbach, A.T. Biolog. Sciences Simon Fraser	Genetic variation in natural populations of the Drosophila obscura species group 3yr - 1st Inst.	Individual	21,200	02
Becker, H.A. Chemical Eng. Queen's	Combustion, fluidization, turbulent mixing & grain drying 3yr - 3rd Inst.	Individual	24,976	04
Bector, C.R. Act. & Bus. Math. Manitoba	Mathematical programming and entropy model in brand purchase behaviour 3yr - 2nd Inst.	Individual	3,824	16
Bedard, J. Biologie Laval	Organisation sociale chez les oiseaux	Individuelle	43,460	18
Beddoes, M.P. Electrical Eng. British Columbia	Pattern recognition and the human operator	Individual	18,338	11
Beder, D.S. Physics British Columbia	Elementary particle & particle-nucleus interactions 3yr - 1st Inst.	Individual	15,794	15
Beeckmans, J.M. Chemical Eng. Western Ontario	Particulate solids processing fundamentals 3yr - 2nd Inst.	Individual	27,030	04
Beer, G.A. Physics Victoria	* Refer to G.R.Mason(Victoria)	Project		22
Beer, G.A. Physics Victoria	* Refer to B.L.White(British Columbia)	Project		22
Beer, G.A. Physics Victoria	* Refer to A.Olin(Victoria)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Begg, I.M. Psychology McMaster	Organization and discrimination in memory, language, and reasoning 3yr - 1st Inst.	Individual	28,832	12
Begin-Heick, N. Biocnemistry Ottawa	Studies on the metabolic functions of manganese 3yr - 2nd Inst.	Individual	12,720	01
Behara, M. Mathematical Sci. McMaster	Nonadditive entropies and linear partial information with applications 3yr - 2nd Inst.	Individual	3,498	14
Behie, L.A. Chemical/Pet. Eng. Calgary	1) Hydrogen production from hydrogen sulphide 2) Oil removal from wastewater 3) Fluidized bed design 4) The production of pharmaceuticals in a three phase fluidized bed 3yr - 1st Inst.	Individual	15,476	04
Behrens, E.A. Mathematical Sci. McMaster	Rings, semigroups and groups 3yr - 1st Inst.	Individual	5,880	16
Béland, B. Génie électrique Sherbrooke	Relations incendie-électricité et pertes dans les matériaux magnétiques saturés 3ans - 1er vers.	Individuelle	14,204	11
Belanger, P.A. Physique Laval	Génération d'impulsions laser brèves et conjugaison de phase optique 3ans - 2e vers.	Individuelle	35,333	15
Bélanger, P.R. Electrical Eng. McGill	The application of modern control	Individual	24,592	11
Belcastro, A.N. Physical Education Alberta	Structural and functional properties of Ca2+ regulation during muscle differentiation 3yr - 2nd Inst.	Individual	10,600	01
Belinsky, M.M. Mathematics Concordia	Statistical inference - problems with special structure 3yr - 1st Inst.	Individual	2,148	14
Beliveau, J.G. Génie civil Sherbrooke	Comportement dynamique des ouvrages de génie civil 3ans - 3e vers.	Individuelle	17,140	06
Bell, G. Biology McGill	Measurement of the cost of reproduction 3yr - 2nd Inst.	Individual	43,990	18
Bell, H.E. Mathematics Brock	Commutativity problems for rings 3yr - 2nd Inst.	Individual	2,650	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bell, J.B. Genetics Alberta	1) Isolation of informational suppressors in Drosophila melanogaster 2) Transfer RNA nucleoside modification deficient mutants in Saccharomyces cerevisiae 3yr - 1st Inst.	Individual	27,560	02
Bell, J.M. Animal/Poultry Sc. Saskatchewan	Factors affecting rapeseed meal utilization; amino acid requirements of mice 3yr - 2nd Inst.	Individual	48,760	01
Bell, K. Geology Carleton	Isotope geochemistry of carbonatites 3yr - 3rd Inst.	Individual	24,486	10
Bell, M.G. Mathematics Manitoba	Compactness and cellularity properties of spaces 2yr - 1st Inst.	Univ. Research Fellow	3,812	16
Bell, P.C. School of Business Western Ontario	Operational research topics 3yr - 1st Inst.	Individual	25,440	20
Bell, R. Mech. & Aeronaut. Carleton	Projection moire analysis using a video system 3yr - 3rd Inst.	Individual	11,508	13
Bell, R.A. Chemistry McMaster	1) Nuclear magnetic resonance spectroscopy of natural materials; 2) Synthesis of macrolide antibiotics 3yr - 2nd Inst.	Individual	14,840	05
Bell, T.N. Chemistry Simon Fraser	Kinetics, mechanism and thermodynamics of gas phase reactions. Transport properties of gaseous systems 2yr - 1st Inst.	Individual	21,200	05
Belleau, B. Chemistry McGill	Molecular basis of enzyme and receptor function 3yr - 2nd Inst.	Individual	89,040	05
Bellefleur, P. Pédologie/écologie Laval	Evaluation de la capacité de compétition sous couvert forestier en évolution 3ans - 1er vers.	Individuelle	15,900	18
Bellemare, G. Biochimie Laval	Contribution du génome chloroplastique à la synthèse des protéines chloroplastiques 3ans - 2e vers.	Individuelle	33,920	02
Belley, J.M. Mathématiques Sherbrooke	Recherche en analyse harmonique et en théorie ergodique 3ans - 3e vers.	Individuelle	5,510	16
Bellhouse, D.R. Stat. & Actuar. Sc Western Ontario	Survey sampling, theory and methods 3yr - 2nd Inst.	Individual	9,010	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Belloncik, S. Ctre. Rech.-Virol. Québec - IAF	Replication de virus d'une polyédrose cytoplasmique (CPV) dans des cellules cultivées in vitro: Interactions cellules-virus 3ans - 2e vers.	Individuelle	9,540	01
Bellow, D.G. Mechanical Eng. Alberta	Behaviour of materials and their application to machine components 3yr - 1st Inst.	Individual	23,320	13
Benabdallah, K. Math/statistiques Montréal	Groupes Abeliens primaires. Anneaux d'endomorphismes. Aspects homologiques. Groupes sans torsion. 3ans - 3e vers.	Individuelle	8,570	16
Benbasat, I. Manage. Inf. Syst. British Columbia	Analysis of the effective managerial use of computerized decision support aids (Simulation models)	Individual	11,660	07
Bendavid, M.L. Psychologie Montréal	Apprentissage des structures logiques: élaboration de nouvelles stratégies expérimentales 3ans - 2e vers.	Individuelle	8,480	12
Bendell, J.F. Forestry Toronto	Population regulation in spruce grouse	Individual	10,600	18
Bender, C.O. Chimie Lethbridge	Substituent effects in photoisomerizations of mono-substituted benzocyclooctatetraenes 3ans - 1er vers.	Individuelle	9,000	05
Benedek, A. Chemical Eng. McMaster	Removal of organic pollutants from water by adsorption and coagulation 3yr - 1st Inst.	Individual	13,250	04
Beninger, R.J. Psychology Queen's	The role of brain serotonin in behaviour 3yr - 3rd Inst.	Individual	13,467	12
Benn, M.H. Chemistry Calgary	Synthesis, in vitro and in vivo 3yr - 3rd Inst.	Individual	23,262	05
Bennett, F.E. Mathematics Mt. St. Vincent	The spectrum of certain classes of combinatorial designs, Latin squares and quasigroups 3yr - 2nd Inst.	Individual	3,294	16
Bennett, G.F. Biology Memorial	Experimental studies on avian haematozoa in Newfoundland 3yr - 1st Inst.	Individual	21,200	18
Bennion, D.W. Chemical Eng. Calgary	Flow through porous media 3yr - 3rd Inst.	Individual	14,570	04

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Benoit, R.L. Chimie Montréal	Chimie et électrochimie dans les solvants 2ans - 1er vers.	Individuelle	15,900	05
Benson, M.W. Mathematical Sci. Lakehead	High resolution synthetic aperture radar processing	Individual	4,240	17
Bensoussan, D. Electricité Québec - ETS	Commande décentralisée des systèmes multivariables non linéaires	Individuelle	5,500	11
Bentley, M.M. Biology Calgary	Developmental genetics of the molybdo-enzymes and NADP+-dependent enzymes of Drosophila 3yr - 1st Inst.	Individual	19,080	02
Bentsen, R.G. Mineral Eng. Alberta	Analysis of the displacement of one fluid by another 3yr - 3rd Inst.	Individual	10,284	04
Berezin, A.A. Eng. Physics McMaster	New semiconducting materials for photovoltaic energy conversion 3yr - 3rd Inst.	Individual	12,733	04
Berg, G.J. Electrical Eng. Calgary	Power system studies 3yr - 1st Inst.	Individual	27,772	11
Berg, R.T. Animal Science Alberta	Maternal traits in beef cattle 3yr - 3rd Inst.	Individual	23,004	01
Bergan, A.T. Civil Engineering Saskatchewan	Evaluation of pavement rehabilitation techniques 3yr - 2nd Inst.	Individual	33,920	06
Berger, J. Zoology Toronto	Behavioural ecology of ciliate protozoa 3yr - 2nd Inst.	Individual	29,680	01
Berger, J.D. Zoology British Columbia	A regulatory model for cell size, DNA content and cell cycle duration in Paramecium 3yr - 2nd Inst.	Individual	22,260	02
Bergeron, J. Psychologie Montréal	Variations de l'activité cardiaque en fonction de la motivation et de l'anxiété 3ans - 2e vers.	Individuelle	8,480	12
Bergeron, J. Informatique Laval	Systeme APL integre	Individuelle	6,014	07
Bergeron, J.M. Biologie Sherbrooke	Stratégie alimentaire du Campagnol des champs, Microtus pennsylvanicus 3ans - 2e vers.	Individuelle	12,190	18
Bergersen, B. Physics British Columbia	Application of many particle physics to the theory of solids 3yr - 3rd Inst.	Individual	28,772	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bergerud, A.T. Biology Victoria	Population ecology of birds and mammals	Individual	42,400	18
Berggren, J.L. Mathematics Simon Fraser	Problems and methods in the medieval arabic geometry of the sphere 3yr - 2nd Inst.	Individual	5,900	16
Bergougnou, M.A. Chemical Eng. Western Ontario	Large fluidized bed reactors: design and scale-up fundamentals. Application to energy and other processes 3yr - 3rd Inst.	Individual	35,994	04
Bergstrom, J.C. Physics Saskatchewan	Electron scattering and electropion production from light nuclei	Individual	51,700	22
Berkowitz, N. Mineral Eng. Alberta	Coal liquefaction in H-Donor systems 3yr - 3rd Inst.	Individual	31,220	13
Berlinsky, A.J. Physics British Columbia	Atomic hydrogen gas at low temperatures / Ordering of molecules adsorbed to surfaces 3yr - 1st Inst.	Individual	40,280	15
Berman, G. Combin./Optimiz. Waterloo	Combinatorial systems 3yr - 3rd Inst.	Individual	15,304	07
Berman, O. Man. Sc./Inf.Sys. Calgary	Planning for and management of service networks 3yr - 2nd Inst.	Individual	21,200	20
Berman, S. Mathematics Saskatchewan	Algebraic aspects of finite and infinite dimensional lie theory 3yr - 3rd Inst.	Individual	4,897	16
Bernard, P. Physique Ottawa	Spectromètre laser pour l'infrarouge lointain 3ans - 1er vers.	Chercheur-boursier univ.	15,900	15
Bernier, C.C. Plant Science Manitoba	Faba bean rust; genetics of pathogenicity and characterization of slow rusting 3yr - 2nd Inst.	Individual	10,600	03
Berraja, M. Géographie Québec-Montréal	Impacts de l'utilisation du sol sur les différentes composantes du bilan hydrologiques (quantité-qualité)	Individuelle	6,890	10
Berrill, M. Biology Trent	Comparative tolerance of acid stressed water by related species of benthic arthropods 3yr - 1st Inst.	Individual	13,780	18
Berry, T.G. Applied Math. Manitoba	Mathematical modelling of the dynamics and structural loads on the darrieus vertical-axis wind turbine	Individual	3,430	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bert, J.L. Chemical Eng. British Columbia	Flow through porous materials/Fluid transport in the lungs 3yr - 1st Inst.	Individual	15,900	21
Berthiaume, L. Ctre. Rech.-Virol. Québec - IAF	Etude des propriétés biologiques, morphologiques et morphogénétiques du virus de la lymphocystis du poisson (LDV) et de la cytopathogénèse 3ans - 1er vers.	Individuelle	10,600	02
Bertie, J.E. Chemistry Alberta	Vibrational spectra, structure, and forces 3yr - 1st Inst.	Individual	36,040	05
Bertrand, H. Biology Regina	Genetic control of the biogenesis, structure and function of mitochondria in neurospora crassa 3yr - 1st Inst.	Individual	63,600	02
Bertrand, L.G.L. Génie-physique Ecole Polytechnique	Spectroscopie infra-rouge et techniques photoacoustiques 3ans - 2e vers.	Individuelle	15,190	15
Bertrand, M. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Bertrand, M.J. Chimie Montréal	Analyse sélective et spécifique de substances organiques dans des mélanges complexes par chromatographie (GC, HPLC) et caractérisation de molécules de poids moléculaire moyen par spectrometrie de masse (FAB/MS) 2ans - 1er vers.	Individuelle	19,610	05
Bertrand-Gastaldy, S. Bibliothéconomie Montréal	* Voir C.H.Davidson(Montréal)	Equipe		07
Bérubé, M.A. Géologie Laval	La minéralogie appliquée au traitement des minerais et à la science des matériaux de l'ingénieur (3 projets) 3ans - 1er vers.	Individuelle	13,780	04
Besant, R.W. Mechanical Eng. Saskatchewan	Low energy passive solar building performance, modelling and design 3yr - 2nd Inst.	Individual	19,027	13
Besner, D. Psychology Waterloo	Component processes in visual word recognition 2yr - 1st Inst.	Univ. Research Fellow	20,140	12
Best, M.J. Combin./Optimiz. Waterloo	Efficient algorithms for constrained optimization 3yr - 2nd Inst.	Individual	24,135	07
Beswick, A.E. Geology Laurentian	Geochemical characteristics of precambrian volcanism and the nature of the upper mantle	Individual	13,780	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bettany, J.R. Soil Science Saskatchewan	Sulphur cycling in prairie soils 3yr - 1st Inst.	Individual	22,790	03
Bettger, W.J. Nutrition Guelph	The effects of dietary zinc and copper on the erythrocyte membrane 3yr - 1st Inst.	Individual	21,200	01
Betts, D.D. Physics Dalhousie	Theoretical studies of phase transitions and critical phenomena 3yr - 1st Inst.	Individual	31,619	15
Beveridge, T.J. Microbiology Guelph	1) Metal binding and environmental transport by bacterial polymers 2) High resolution structural analysis of bacterial walls 3yr - 2nd Inst.	Individual	37,100	02
Beverley-Burton, M. Zoology Guelph	Monogenea and digenea of ectotherms (freshwater and marine): systematics and biology 3yr - 1st Inst.	Individual	22,734	01
Bewley, J.D. Biology Calgary	Seed development, germination and growth: internal and environmental control 3yr - 3rd Inst.	Individual	73,458	03
Bewtra, J.K. Civil Engineering Windsor	Treatment and disposal of wastewater 3yr - 2nd Inst.	Individual	31,800	06
Bhaduri, R.K. Physics McMaster	1) Studies in nuclear and particle physics 2) Semiclassical approximations 3yr - 3rd Inst.	Individual	27,694	15
Bhargava, R. Educ. Theory Toronto	Multivariate analysis 3yr - 3rd Inst.	Individual	4,970	14
Bhargava, V.K. Electrical Eng. Concordia	Efficient coded communication systems 3yr - 1st Inst.	Individual	29,535	11
Bhartia, P. Electrical Eng. Ottawa	1) Microwave and millimeter wave integrated circuits 2) Microstrip antennas 3yr - 1st Inst.	Individual	18,974	11
Bhat, R.B. Mechanical Eng. Concordia	1) Structural dynamics & optimization with probabilistic design methods under acoustic & mechanical excitations 2) Problems in rotor dynamics 3yr - 1st Inst.	Individual	14,840	13
Bhatia, A.B. Physics Alberta	Structure and thermodynamics of liquid and amorphous metals and alloys 3yr - 2nd Inst.	Individual	33,390	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bhatnagar, M.K. Biomed Sciences Guelph	Ultrastructure of avian organs: 1) Ultrastructural morphometry of normal organs 2) Qualitative and quantitative effects of methyl mercury 3yr - 2nd Inst.	Individual	12,355	01
Bhattacharya, B.K. Computer Science Simon Fraser	Application of computational geometry to pattern recognition problems	Individual	11,660	07
Bhattacharyya, B.B. Electrical Eng. Concordia	1) Nonlinear circuits 2) Digital filters 3) Switched capacitor filters 4) Active RC networks 3yr - 3rd Inst.	Individual	22,895	11
Bhatty, R.S. Plant Ecology Saskatchewan	In vitro digestibility of legume and animal proteins 3yr - 1st Inst.	Individual	13,599	03
Bhuyan, L. Electrical Eng. Manitoba	Interconnection networks for parallel computers 3yr - 1st Inst.	Individual	14,310	11
Bialystok, E. Psychology York	Cognitive factors in the development of language proficiency 3yr - 1st Inst.	Individual	13,250	12
Bibby, M.J. Mech. & Aeronaut. Carleton	Weldability of carbon steels 3yr - 1st Inst.	Individual	18,000	04
Bider, J.R. Ren. Resources Macdonald Coll.	Response of cottontails and their predators to rain - age specific natality of turtles 3yr - 1st Inst.	Individual	12,720	18
Bidwell, R.G.S. Biology Dalhousie	Acid rain: Effects on physiological mechanisms that may affect plant productivity 3yr - 2nd Inst.	Individual	21,200	03
Biederman, G.B. Psychology Toronto	Preference for signaled shock using DADS maze 3yr - 3rd Inst.	Individual	8,325	12
Bierstone, E. Mathematics Toronto	Local analytic geometry and ideals of differentiable functions 3yr - 1st Inst.	Individual	15,678	16
Bigelow, C.C. Chemistry Manitoba	Protein structure and denaturation 3yr - 3rd Inst.	Individual	31,832	02
Bilanski, W.K. Sch. of Agric. Eng Guelph	Mechanical and thermal properties of agricultural-biological materials	Individual	18,020	21
Bilgen, E. Mechanics Ecole Polytechnique	Mécanique non-linéaire et stockage d'énergie 3yr - 2nd Inst.	Individual	34,344	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Billette, N. Mines & métallurgie Laval	Evaluation quantitative informatisée de la ventilation minière 3ans - 1er vers.	Individuelle	8,480	04
Billigheimer, C.E. Mathematical Sci. McMaster	Ordinary linear differential and difference operators	Individual	4,410	16
Billinton, R. Electrical Eng. Saskatchewan	Analytical methods in the evaluation of power system reliability, economics and performance 3yr - 1st Inst.	Individual	63,070	11
Binda, P.L. Geology Regina	1) Stratiform copper occurrences of the Belt in Alberta and British Columbia 2) Depositional environment of the Battle Formation in Saskatchewan	Individual	16,960	10
Binding, P.A. Math/Statistics Calgary	Multiparameter spectral theory/differential equations 3yr - 1st Inst.	Individual	15,678	16
Birchall, T. Chemistry McMaster	1) Studies of weak acids and bases in non-aqueous solvents 2) Application of Mössbauer spectroscopy to inorganic chemistry 3yr - 1st Inst.	Individual	41,340	05
Bird, D.M. Ren. Resources Macdonald Coll.	1) Nutritional ecology 2) Mate choice 3) Mate replacement in kestrels 2yr - 1st Inst.	Univ. Research Fellow	18,020	18
Bird, P.H. Chemistry Concordia	Preparative and crystallographic and catalysis studies in inorganic chemistry 3yr - 1st Inst.	Individual	19,438	05
Biringer, P.P. Electrical Eng. Toronto	Nonlinear devices and circuits 3yr - 1st Inst.	Individual	50,668	11
Birkemoe, P.C. Civil Engineering Toronto	Behaviour & design of steel structurals in offshore structures 3yr - 1st Inst.	Individual	24,380	06
Biron, A. Génie mécanique Ecole Polytechnique	* Chercheur principal A.Bazerqui(Ecole Polytech.) 3ans - 2e vers.	Equipe		13
Birss, F.W. Chemistry Alberta	Molecular spectroscopy and structure 3yr - 3rd Inst.	Individual	20,813	05
Birss, V.I. Chemistry Calgary	Electrochemical studies of films at electrode surfaces	Individual	15,900	05
Birta, L.G. Computer Science Ottawa	Integrated simulation/optimization software 3yr - 3rd Inst.	Individual	15,916	07

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Birtwistle, G.M. Computer Science Calgary	An environment for software development via simulation 3yr - 1st Inst.	Individual	23,557	07
Bisaillon, J.G. Bactériologie Québec - IAF	* Chercheur principal M.Sylvestre(Qué.-I.A.F.) 2ans - 2e vers.	Equipe		02
Bisalputra, T. Botany British Columbia	Ultrastructure and cytochemistry of algal and higher plant cells (related to environmental responses and cellular uptake) 3yr - 1st Inst.	Individual	31,800	02
Bisanz, G.L. Psychology Alberta	Knowledge acquisition and children's memory for stories 3yr - 2nd Inst.	Individual	13,356	12
Bisanz, J. Psychology Alberta	Developmental change and individual differences in analogical reasoning 3yr - 3rd Inst.	Individual	12,243	12
Bishnoi, P.R. Chem. & Pet. Eng. Calgary	Kinetics of formation and decomposition of gas hydrates: Determination and prediction of phase behaviour and other thermodynamic properties of petroleum fluids and their use in the development of design and simulation methods for separation equipment 3yr - 1st Inst.	Individual	17,702	04
Bishop, D.M. Chemistry Ottawa	Theoretical investigation of molecular properties 3yr - 3rd Inst.	Individual	35,505	05
Bisson, B.G. Civil Engineering New Brunswick	Study of impact of regulatory reform on air cargo facilities at Canadian airports 3yr - 1st Inst.	Individual	12,250	06
Biswas, N. Civil Engineering Windsor	1) Fate of heavy metals in municipal wastewater treatment plants 2) Denitrification in a subsurface disposal system 3yr - 1st Inst.	Individual	12,720	06
Bisztriczky, T. Mathematics Calgary	Theory of curves and surfaces 3yr - 1st Inst.	Individual	4,410	16
Blach, A.E. Mechanical Eng. Concordia	Stress analysis and methods of design for bolted flanged connections 3yr - 1st Inst.	Individual	14,840	13
Black, J.E. Physics Brock	Transport in metals and atom vibration at metal surfaces 3yr - 3rd Inst.	Individual	8,570	15
Black, T.A. Soil Science British Columbia	Forest water balance and tree growth 3yr - 2nd Inst.	Individual	31,800	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Blackburn, J.A. Physics Wilfrid Laurier	1) Superconducting weak links 2) Digital electronics 3yr - 3rd Inst.	Individual	19,307	15
Blackford, B.L. Physics Dalhousie	Tunneling in superconductors	Individual	15,412	15
Blackmore, E.W. TRIUMF British Columbia	* Refer to R.R.Johnson(British Columbia)	Project		22
Blackwell, J.H. Applied Math. Western Ontario	Freezing/melting problems relevant to continuous casting 3yr - 1st Inst.	Individual	5,618	13
Blades, M.W. Chemistry British Columbia	Development and characterization of analytical inductively coupled plasma sources for chemical analysis	Individual	16,960	05
Blais, J.A.R. Surveying Eng Calgary	Digital terrain modelling applications of Gestalt digital data 3yr - 1st Inst.	Individual	13,780	06
Blake, I.F. Electrical Eng. Waterloo	Performance of coded communication systems; Digital signal processing	Individual	21,942	11
Blake, R.W. Zoology British Columbia	Kinematics, hydrodynamics and energetics of oscillatory mechanisms of propulsion 3yr.- 1st Inst.	Individual	26,500	01
Blake, T.J. Forestry Toronto	Aging and rejuvenation of woody plants 3yr - 3rd Inst.	Individual	22,037	03
Blakley, B.R. Vet. Phys. Sci. Saskatchewan	Immunotoxicological evaluation of selected metals of environmental concern 3yr - 2nd Inst.	Individual	14,840	02
Blanchard, L.P. Génie chimique Laval	Recherche dans le domaine des macromolécules 3ans - 2e vers.	Individuelle	36,358	04
Bland, B.H. Psychology Calgary	Physiological and pharmacological investigation of hippocampal formation function 3yr - 3rd Inst.	Individual	18,365	12
Bland, C.J. Physics Calgary	Investigations in disequilibrium in uraniferrous soil, rock and water	Individual	3,180	10
Blass, K.G. Chemistry Regina	Topics in clinical chemistry: Studies of molecular chemistry reactions and development of electrochemical techniques for the measurement of bilirubin, creatinine, and phosphatase enzyme activity 3yr - 1st Inst.	Individual	13,250	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Blench, T. Civil Engineering Alberta	Mechanics of a range of fluid-solid flows 3yr - 3rd Inst.	Individual	12,856	06
Blenkinsop, J. Geology Carleton	Rb-Sr and Sm-Nd investigations of the crust and upper mantle 2yr - 2nd Inst.	Individual	12,720	10
Bligh, E.G. Fish. Res. & Tech. Tech. Univ. N.S.	Improved preservation of fresh and frozen seafoods	Individual	16,260	03
Block, E. Animal Science Macdonald Coll.	Protein metabolism in the dairy cow 3yr - 2nd Inst.	Individual	15,900	01
Bloom, M. Physics British Columbia	Magnetic resonance study of model and biological membranes	Individual	99,640	15
Bloom, T. Mathematics Toronto	Delta-Neumann equation/Complex Monge-Ampère Equation 3yr - 2nd Inst.	Individual	18,825	16
Blum, I.E. Mathematics Mt. St. Vincent	The structure of ideals in C(X) and extension of continuous functions 3yr - 2nd Inst.	Individual	2,883	16
Bluman, G.W. Mathematics British Columbia	Similarity methods for differential equations 3yr - 3rd Inst.	Individual	3,333	16
Blyth, C.R. Math/Statistics Queen's	Mathematical statistics 3yr - 1st Inst.	Individual	8,590	14
Boadway, J.D. Civil Engineering Queen's	Studies of a centrifugal seal design and fluid cyclone	Individual	5,724	13
Boag, D.A. Zoology Alberta	Problems in animal dispersal 3yr - 1st Inst.	Individual	41,340	18
Boag, P.T. Biology Queen's	Morphology and behaviour of zebra finches (Poephila guttata) 3yr - 1st Inst.	Univ. Research Fellow	21,015	18
Boal, D.H. Physics Simon Fraser	Theory of intermediate energy nuclear reactions 3yr - 3rd Inst.	Individual	17,630	15
Bobee, B. INRS-Eau Québec - INRS	Comparaison globale de distributions statistiques et de techniques d'ajustement pour l'analyse des crues 3ans - 2e vers.	Individuelle	28,090	06
Bobyn, J.D. Génie mécanique Ecole Polytechnique	Development of improved implants for orthopaedic reconstructive surgery 3ans - 1er vers.	Chercheur-boursier univ.	13,144	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bochmann, G.V. Infor. & rech opér. Montréal	Spécification, implémentation et validation de protocoles de communication 3ans - 2e vers.	Individuelle	46,180	07
Bock, E. Chemistry Manitoba	NMR study of liquid crystals. Molecular conformation in liquids 3yr - 3rd Inst.	Individual	22,037	05
Bogart, J.P. Zoology Guelph	Evolution and speciation of amphibians 3yr - 2nd Inst.	Individual	15,370	01
Bohm, B.A. Botany British Columbia	Distribution of secondary metabolites in higher plants 3yr - 2nd Inst.	Individual	38,160	03
Bohme, D.K. Chemistry York	Gas-phase kinetics and energetics of ion-molecule reactions 3yr - 2nd Inst.	Individual	42,930	05
Bohn, E.V. Electrical Eng. British Columbia	Real-time estimation and optimization of dynamic systems 3yr - 2nd Inst.	Individual	13,568	11
Boila, R.J. Animal Science Manitoba	Absorption and excretory mechanisms for copper in cattle and sheep 3yr - 2nd Inst.	Univ. Research Fellow	12,720	01
Boivin, A. Physique Laval	Optique electromagnetique - resonateurs et formation des images 2ans - 1er vers.	Individuelle	39,273	15
Boivin, G. Physique Laval	Application des couches minces à l'optique instrumentale 3ans - 3e vers.	Individuelle	4,579	15
Bojadziev, G. Mathematics Simon Fraser	Qualitative and quantitative study of mechanical and biological systems 3yr - 1st Inst.	Individual	8,819	16
Boland, F.J. Psychology Queen's	Biobehavioral analysis of alcohol intake, tolerance and withdrawal 3yr - 3rd Inst.	Individual	9,183	12
Bollinger, K.E. Electrical Eng. Alberta	Control and identification of power systems 3yr - 3rd Inst.	Individual	19,589	11
Bollinger, K.E. Electrical Eng. Alberta	* Refer to D.M.Divan(Alberta)	Team		22
Bols, N. Biology Waterloo	Differentiation studied by cell fusion and direct cell communication 3yr - 3rd Inst.	Individual	28,159	02
Bolster, R.B. Psychology Winnipeg	Categorical processing of visual features by inferotemporal neurons 3yr - 1st Inst.	Individual	13,250	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bolton, C.T. Astronomy Toronto	Spectrographic studies of time variable phenomena in early-type stars 3yr - 1st Inst.	Individual	28,620	17
Bolton, J.R. Chemistry Western Ontario	EPR studies of paramagnetic intermediates in photochemistry and photosynthesis 3yr - 3rd Inst.	Individual	47,748	05
Bonalumi, R.A. Chemical Eng. Toronto	Development of a self-correcting scheme for on-line reactor power mapping 3yr - 3rd Inst.	Individual	12,121	04
Bondar, J.V. Math/Statistics Carleton	Statistical inference for invariant models 3yr - 2nd Inst.	Individual	2,862	14
Bondy, J.A. Combin./Optimiz. Waterloo	Paths and cycles in graphs 3yr - 3rd Inst.	Individual	23,801	16
Bonen, A. Physical Education Dalhousie	Insulin binding, and glucose uptake and metabolism in skeletal muscle 3yr - 3rd Inst.	Individual	14,080	01
Bonert, R.R. Electrical Eng. Toronto	Microprocessor application in electrical power engineering	Individual	12,084	11
Bonham, D.J. Mechanical Eng. New Brunswick	Integration of CAD with CAM 3yr - 3rd Inst.	Individual	16,529	13
Bonn, F.J. Géographie Sherbrooke	Télédétection des propriétés thermiques de la surface de la terre	Individuelle	14,310	10
Boocock, D.G.B. Chem Eng/App Chem Toronto	Studies on the liquefaction of wood 3yr - 1st Inst.	Individual	13,780	04
Bookbinder, J.H. Management Sciences Waterloo	Simulation vs.,optimization in distribution system design 3yr - 1st Inst.	Individual	12,720	20
Boom, H.J. Computer Science Concordia	Nearly applicative language	Individual	7,432	07
Boonstra, R. Life Sciences Toronto	Population processes in mammals: an experimental approach 3yr - 3rd Inst.	Individual	25,710	18
Boorman, P.M. Chemistry Calgary	Reactions of organosulphur ligands on molybdenum and tungsten centres 3yr - 3rd Inst.	Individual	15,916	05
Booth, J.T. Botany Manitoba	Marine fungi of Hudson Bay. Occurrence and substrate ecology of lignicolous species of sand and estaurine waters 3yr - 1st Inst.	Individual	11,130	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Booth, K.S. Computer Science Waterloo	Graph algorithms/interactive graphics 3yr - 1st Inst.	Individual	38,529	07
Booth, P.I. Mathematics Memorial	1) A unified theory of bundles and fibrations 2) Geometric models in psychology 3yr - 2nd Inst.	Individual	6,178	16
Boothroyd, A.R. Electronics Carleton	Basic design, modelling and application of semiconductor devices	Individual	24,062	11
Booton, M. Mechanical Eng. Memorial	Dynamic response of flat plates vibrating in a fluid 3yr - 2nd Inst.	Individual	15,582	13
Booy, C. Civil Engineering Manitoba	Extended assessment of flood risk	Individual	5,000	06
Borden, J.H. Biolog. Sciences Simon Fraser	Chemical ecology and natural products chemistry of Canadian insect pests 3yr - 2nd Inst.	Individual	50,880	18
Boridy, E. Electricité Québec - ETS	Optimisation des procédures de soudage * avec M.Galopin(Univ. du Qué.-ETS)	Equipe	7,526	13
Borodin, A.B. Computer Science Toronto	Computational complexity, practice and theory 3yr - 2nd Inst.	Individual	38,414	07
Borra, E.F. Physique Laval	Etudes de champs magnétiques stellaires et de noyaux actifs de Galaxies 3ans - 3e vers.	Individuelle	29,383	17
Borradaile, G.J. Geology Lakehead	Structural and metamorphic geology with emphasis on Archean rocks of NW Ontario 3yr - 2nd Inst.	Individual	20,140	10
Borwein, D. Mathematics Western Ontario	Summability of series and integrals 3yr - 2nd Inst	Individual	15,059	16
Borwein, J.M. Mathematics Dalhousie	Convexity and mathematical programming in partially ordered spaces 3yr - 3rd Inst.	Individual	11,425	16
Borwein, P.B. Mathematics Dalhousie	Problems in rational approximation theory 3yr - 3rd Inst.	Individual	3,604	16
Bos, L.P. Math/Statistics Calgary	The approximation and interpolation of functions of several variables 3yr - 1st Inst.	Individual	3,180	16
Bose, A. Math/Statistics Carleton	Stochastic modelling and inference for biological population 3yr - 2nd Inst.	Individual	3,498	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bose, T.K. Physique Qué.-Trois-Riv.	Etudes diélectriques des gaz et des liquides 3ans - 2e vers.	Individuelle	22,673	15
Bosisio, R.G. Génie électrique Ecole Polytechnique	Technologies des hyperfréquences: 1) Instrumentation 2) Diélectriques 3) Plasmas 3ans - 1er vers.	Individuelle	42,400	11
Bosnich, B. Chemistry Toronto	Asymmetric synthesis and catalysis and bioinorganic chemistry 3yr - 2nd Inst.	Individual	65,720	05
Boswell, F.W. Physics Waterloo	Physics of low-dimensional crystals 3yr - 3rd Inst.	Individual	13,615	15
Bottomley, F. Chemistry New Brunswick	Reactions of coordinated ligands 3yr - 1st Inst.	Individual	26,500	05
Bouchard, A. Ctre de rech. écol. Montréal	Mise au point d'une méthode d'analyse quantitative et intégrée des composantes physiques et biologiques d'un écosystème terrestre * avec P.Gangloff(Montréal) 3ans - 1er vers.	Equipe	21,200	18
Bouchard, C. Sci l'activité phys Laval	Les variations humaines dans les capacités et puissances métaboliques et dans les caractéristiques des adipocytes et du muscle 3ans - 2e vers.	Individuelle	13,780	01
Bouchard, M.A. Géologie Montréal	Pétrographie et morphologie du till, région de Chibougamau-Lac Mistassini, Québec 2ans - 2e vers.	Individuelle	10,600	10
Bouchard, P. Mathématiques Québec-Montréal	1) Recherche sur les suites régulières relatives et leur interprétation géométrique 2) Recherche sur la représentation graphique de courbes algébriques sur ordinateur 3ans - 1er vers.	Individuelle	3,180	16
Boucher, C. Math/informatique Sherbrooke	Applications des réseaux de Pétri	Individuelle	4,736	07
Boucher, D.H. Biolog. Sciences Québec-Montréal	Mutualism and positive density dependence in Legume-Rhizobium interactions	Individual	15,900	18
Boucher, F. Chimie - biologie Qué.-Trois-Riv.	Photochimie et biochimie de la rhodopsine 3ans - 3e vers.	Chercheur-boursier univ.	16,529	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Boucher, J.L. Kinanthropologie Ottawa	Coordination visuo-motrice chez les personnes âgées: précision d'un mouvement de la main dirigé vers un objectif visuel	Individuelle	4,770	12
Bouillon, G. Génie mécanique Laval	Nouvelles méthodes en métrologie de pièces de mécanique 3ans - 1er vers.	Individuelle	17,490	13
Boulanger, A.E. Math/informatique Sherbrooke	Estimateurs de Kolmogorov-Smirnov 3ans - 2e vers.	Individuelle	3,498	14
Boulay, M.R. Sci l'activité phys Laval	* Chercheur principal A.G.Roberge(Laval) 3ans - 3e vers.	Equipe		01
Boulos, M.I. Génie chimique Sherbrooke	La technologie des plasmas-Etudes fondamentales et applications 3ans - 1er vers.	Individuelle	22,366	04
Boulton, P.I.P. Electrical Eng. Toronto	Computer local area network hardware and software 3yr - 2nd Inst.	Individual	18,062	07
Bourassa, C.M. Psychology Alberta	Factors influencing visible persistence and perceptual schemata 3yr - 1st Inst.	Individual	8,480	12
Bourassa, J.P. Chimie - biologie Qué.-Trois-Riv.	Evaluation de l'impact de la prédation effectuée par les larves de trois espèces de Dytiscus dans des mares propices au développement de moustiques 3ans - 1er vers.	Individuelle	10,600	18
Bourassa, P.A. Génie mécanique Sherbrooke	Dynamique des vehicules 3ans - 2e vers.	Individuelle	15,423	13
Bourdeau, M. Mathématiques appl. Ecole Polytechnique	Détermination des "bons treillis" en dimension supérieure à 3 3ans - 3e vers.	Individuelle	2,652	16
Bourget, R.E. Biologie Laval	L'hétérogénéité du milieu et la répartition des organismes benthiques intertidaux 3ans - 1er vers.	Individuelle	36,040	18
Bourque, C. Génie mécanique Laval	Applications des jets ou éjecteurs aux avions à décollage vertical et aux véhicules à effet de sol 3ans - 1er vers.	Individuelle	12,614	13
Bourque, P. Géologie Laval	Analyse paléo-environnementale des ensembles à carbonates du Siluro-Dévonien du Bassin de Gaspésie 3ans - 2e vers.	Individuelle	14,310	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bousquet, D. Médecine vét. Montréal	Culture des cellules endométriales: un modèle pour étudier la viabilité des embryons chez les bovins 3ans - 2e vers.	Chercheur-boursier univ.	12,190	01
Boutin, N. Génie électrique Sherbrooke	Transmission de données par satellites à enveloppe constante et à bande limitée 3ans - 3e vers.	Individuelle	14,815	11
Bouwer, I.Z. Math/Statistics New Brunswick	Symmetry of graphs 3yr - 1st Inst.	Individual	2,000	16
Bovis, M.J. Geography British Columbia	Slope movement in southwest British Columbia 3yr - 2nd Inst.	Individual	11,660	10
Bowen, A.J. Oceanography Dalhousie	Dynamics of waves, currents and sediments 3yr - 3rd Inst.	Individual	36,729	10
Bowen, B.D. Chemical Eng. British Columbia	Effect of surface coverage on fine particle deposition 3yr - 1st Inst.	Individual	14,840	04
Bown, A.W. Biolog. Sciences Brock	Hydrogen ion excretion from plant cells 3yr - 3rd Inst.	Individual	11,019	03
Boyarsky, A. Mathematics Concordia	On the significance of absolutely continuous invariant measures 3yr - 2nd Inst.	Individual	16,119	16
Boyd, C.M. Oceanography Dalhousie	Feeding of krill 3yr - 3rd Inst.	Individual	23,262	18
Boyd, D.W. Mathematics British Columbia	Analysis and number theory 3yr - 3rd Inst.	Individual	30,401	16
Boyd, R. Geology Dalhousie	Coastal sediment dispersal and Holocene Age structure, Eastern Nova Scotia 2yr - 2nd Inst.	Individual	10,600	10
Boyd, R.J. Chemistry Dalhousie	Quantum chemical studies of electronic structures and reaction mechanisms 3yr - 1st Inst.	Individual	30,038	05
Boyd, R.K. Chemistry Guelph	Analytical and chemical applications of metastable ions 3yr - 3rd Inst.	Individual	23,262	05
Boyd, W.H. Biomed Sciences Guelph	Intraglandular colloid, a transport medium for pituitary materials by CSF	Individual	13,838	01
Boyle, A.R. Electrical Eng. Saskatchewan	Hardware/Software developments in automated mapping 3yr - 1st Inst.	Individual	5,000	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Boyle, P.P. Statistics Waterloo	Stochastic models in actuarial science 3yr - 1st Inst.	Individual	10,000	14
Bozarth, M.A. Psychology Concordia	Intracranial self-administration of opiates 3yr - 2nd Inst.	Univ. Research Fellow	12,720	12
Braaksma, J.P. Civil Engineering Carleton	Study of transportation terminals 3yr - 1st Inst.	Individual	19,610	06
Bradford, H.M. Astronomy Saint Mary's	Solar corona radio scattering measurements; Effects of coronal scattering on solar radio bursts	Individual	4,770	17
Bradley, J. Computer Science Calgary	Implementation of a natural quantifier data base manipulation language	Individual	6,618	07
Bradley, M.T. Psychology New Brunswick	Feedback and the detection of deception 3yr - 3rd Inst.	Individual	6,122	12
Braekevelt, C.R. Anatomy Manitoba	Comparative fine structural studies of the retina in lower vertebrates 3yr - 2nd Inst.	Individual	7,420	01
Bragg, G.M. Mechanical Eng. Waterloo	Fluid mechanics of dusts & aerosols 3yr - 1st Inst.	Individual	25,122	13
Brainerd, C.J. Psychology Western Ontario	Stages-of-learning analysis of developmental interactions in recall	Individual	13,205	12
Brainerd, C.J. Psychology Alberta	Stages-of-learning analysis of developmental interactions in recall 3yr - 1st Inst.	Individual	29,195	12
Brand, J.C.D. Chemistry Western Ontario	Optical laser spectroscopy of di- and poly-atomic molecules 3yr - 2nd Inst.	Individual	65,508	05
Brand, U. Geological Sciences Brock	Carbonate diagenesis and metals and hydrocarbon exploration geochemistry 3yr - 1st Inst.	Individual	21,730	10
Brandenberger, A.J. Photogrammetrie Laval	Recherches en photogrammétrie 3ans - 2e vers.	Individuelle	22,260	06
Brandhorst, B.P. Biology McGill	Developmental regulation of the expression of specific genes in embryos 3yr - 2nd Inst.	Individual	38,160	02
Brandon, J.K. Physics Waterloo	Crystal structure and stability analyses of metal and alloy phases 3yr - 2nd Inst.	Individual	13,133	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Branion, R.M.R. Chemical Eng. British Columbia	1) Paper technology 2) Biochemical eng 3) Water pollution by oil	Individual	12,720	04
Brannen, E. Physics Western Ontario	Laser physics and laser heterodyne techniques for air pollution and astronomical applications 3yr - 3rd Inst.	Individual	18,854	15
Brasch, K.R. Biology Queen's	Nuclear proteins and regulation in cell development 3yr - 2nd Inst.	Individual	21,200	02
Brash, J.L. Chemical Eng. McMaster	Studies in polymerization and polymer characterization 3yr - 2nd Inst.	Individual	15,900	05
Brassard, C.J.J. Physique Montréal	* Voir J.L'Ecuyer(Montréal)	Equipe		22
Brassard, G. Infor. & rech opér. Montréal	Cryptographie: fondements et applications	Individuelle	12,951	07
Brassard, G.R. Biology Memorial	Bryological studies in Newfoundland and Arctic Canada 3yr - 2nd Inst.	Individual	20,670	18
Brassard, P. Chimie Laval	Nouveaux réactifs pour la synthèse de produits naturels, en particulier de quinones 3ans - 3e vers.	Individuelle	20,201	05
Bratina, J.W. Metal/Mat. Science Toronto	Deformation and fracture of high strength low alloy steels 3yr - 3rd Inst.	Individual	12,733	04
Bratley, P. Comp. & Info. Sc. Montréal	Software for text-processing 3yr - 1st Inst.	Individual	28,188	07
Braun, W.K. Geological Sciences Saskatchewan	Microfaunas and biostratigraphy of Western Canada	Individual	9,010	10
Brawner, C.O. Min./Min. Proc. British Columbia	Development of a correlation between drilling rate and powder factor to reduce blasting costs on mining projects 3yr - 1st Inst.	Individual	18,020	06
Bray, D.I. Civil Engineering New Brunswick	Fluvial-geomorphic aspects of New Brunswick rivers 3yr - 2nd Inst.	Individual	15,900	06
Bray, T.M. Nutrition Guelph	Effect of nutrition on chemically-induced lung disease 3yr - 2nd Inst.	Individual	13,250	01
Brebner, J.L. Physique Montréal	Interaction electron-phonon dans des solides 3ans - 3e vers.	Individuelle	24,462	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bree, A.V. Chemistry British Columbia	Electronic and vibrational properties of molecular crystals 3yr - 3rd Inst.	Individual	22,650	05
Bregman, A.S. Psychology McGill	Perception and learning of complex patterns 3yr - 2nd Inst.	Individual	49,820	12
Brehaut, W.M. Computer Science Acadia	Computer aided transcription	Individual	5,230	07
Bremner, T.W. Civil Engineering New Brunswick	Use of very low density concrete for cladding 3yr - 2nd Inst.	Individual	13,780	06
Brenner, D. Statistics Toronto	Inference with stochastic processes 3yr - 2nd Inst.	Individual	5,247	14
Brewer, J.H. Physics British Columbia	* Refer to D.G.Fleming(British Columbia)	Project		22
Brewer, J.H. Physics British Columbia	IEP - 20 - Muon spin rotation in solids * with D.G.Fleming(British Columbia), E.J.Ansaldo(Saskatchewan)	Project	114,450	22
Brewer, J.H. Physics British Columbia	* Refer to D.L.Williams(British Columbia)	Project		22
Brewer, J.H. Physics British Columbia	* Refer to D.G.Fleming(British Columbia)	Project		22
Brezina, M. Génie mécanique Sherbrooke	Fabrication d'engrenages thermoplastiques en phase solide par forgeage 3ans - 1er vers.	Individuelle	11,872	13
Briand, F.J.P. Biology Ottawa	Comparative studies of food web structure	Individual	26,500	18
Bridges, E. Electrical Eng. Manitoba	Six-port network analyzer studies 3yr - 1st Inst.	Individual	11,236	11
Briere, F. Génie civil Ecole Polytechnique	Evaluation des constantes cinétiques du procédé de traitement par boues activées au Québec 3ans - 1er vers.	Individuelle	16,960	06
Brill, P.H. Statistics Waterloo	System point theory and its applications in industrial engineering 3yr - 1st Inst.	Individual	23,320	20
Brimacombe, J.K. Metallurgical Eng. British Columbia	Analysis and design of metallurgical processes 3yr - 1st Inst.	Individual	59,678	04

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Brion, C.E. Chemistry British Columbia	Ionization, excitation and fragmentation of molecules by electron spectroscopy 3yr - 2nd Inst.	Individual	71,020	05
Brisse, F.R. Chimie Montréal	Applications de la diffraction électronique et des rayons-X à l'étude des polymères. Analyse conformationnelle et coposés modèles 3ans - 1er vers.	Individuelle	31,800	05
Brisson, G.J. Zootechnie Laval	Nutrition périnatale chez les animaux domestiques 3ans - 2e vers.	Individuelle	36,570	01
Brisson, G.R. Sciences Qué.-Trois-Riv.	Dysendocrinies athletiques feminines * avec M.Ledoux(Montréal), J.Rainville(Qué.-Trois-Rivières) 3ans - 3e vers.	Equipe	18,365	01
Britney, R.R. Business Admin. Western Ontario	Inventory lot sizing with quantity discounts 3yr - 1st Inst.	Individual	12,720	20
Britten, D.J. Mathematics Windsor	Studies in ring theory and its applications 3yr - 3rd Inst.	Individual	5,712	16
Britton, D.M. Botany & Genetics Guelph	Biosystematic studies of Canadian ferns 3yr - 1st Inst.	Individual	11,130	18
Brochu, R. Géographie Sherbrooke	* Voir D.R.Morin(Sherbrooke) 3ans - 1er vers.	Equipe		06
Brock, H.W. Zoology British Columbia	Drosophila homologues of vertebrate oncogenes 3yr - 1st Inst.	Individual	27,560	02
Brodie, D.E. Physics Waterloo	A study of amorphous, tetrahedrally coordinated semiconductors 3yr - 1st Inst.	Individual	37,015	15
Brook, A.G. Chemistry Toronto	Investigation of organosilicon and organogermanium compounds 3yr - 1st Inst.	Individual	64,137	05
Brooke, J.A. Mathematics Toronto	Gauge and reciprocally invariant relativistic quantum theory 3yr - 1st Inst.	Individual	3,180	16
Brooke, J.D. School Human Biol. Guelph	Human movement, muscle force and CNS motor control 3yr - 1st Inst.	Individual	6,360	01
Brooker, M.H. Chemistry Memorial	Spectroscopic studies of electrolytes 3yr - 2nd Inst.	Individual	26,500	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Brookes, I.A. Geography York	Sea level & glacial history, W. Newfoundland: Geomorphological & micropalaeontological approaches 2yr - 2nd Inst.	Individual	9,540	10
Brookfield, M.E. Land Resource Sc Guelph	Studies of recent and ancient desert deposits 3yr - 3rd Inst.	Individual	14,692	10
Brooks, C. Geology Montréal	Isotopic and chemical studies of early crustal processes in the Precambrian Shield of Canada 3yr - 1st Inst.	Individual	39,750	10
Brooks, D.R. Zoology British Columbia	Evolutionary studies on helminth parasites 3yr - 3rd Inst.	Individual	9,794	18
Brooks, L.R. Psychology McMaster	An investigation of the relation between memory and concept learning research 3yr - 2nd Inst.	Individual	15,900	12
Brooks, R.J. Zoology Guelph	Population biology of microtine cycles 3yr - 3rd Inst.	Individual	30,608	18
Bross, M. Psychology Concordia	Inter and intrasensory effects of monocular occlusion 3yr - 2nd Inst.	Individual	9,540	12
Broughton, R.S. Agricult. Eng. Macdonald Coll.	An analysis of the effects of drainage works on downstream flood peaks 2yr - 2nd Inst.	Individual	9,540	10
Brousseau, R. Génie électrique Laval	Instrumentation électronique de traitement de signaux vidéo 3ans - 1er vers.	Individuelle	10,918	11
Broverman, S.A. Statistics Toronto	1) Set theoretic topology; 2) Actuarial considerations regarding rates of return on life contingent funds 3yr - 3rd Inst.	Individual	3,604	16
Browder, L.W. Biology Calgary	Reactivation of adult somatic cell nuclei and an analysis of the embryonic origins of the muscle of regenerating amphibian limbs 3yr - 2nd Inst.	Individual	28,620	02
Brown, A.C. Génie minéral Ecole Polytechnique	1) Etudé métallogénique des gisements stratiformes de métaux non-ferreux 2) Metallogenic studies of stratiform non-ferrous metal deposits	Individuelle	13,780	10
Brown, D.L. Biology Ottawa	Regulation of microtubule synthesis and assembly 3yr - 3rd Inst.	Individual	33,056	02
Brown, G.G. Biology McGill	Analysis of Mitochondrial DNA variation at the Nucleotide sequence level 3yr - 3rd Inst.	Individual	19,589	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Brown, G.R. Chemistry McGill	* Refer to L.E.St-Pierre(McGill) 2yr - 1st Inst.	Team		05
Brown, I.D. Physics McMaster	Structure and bonding in solids and liquids 3yr - 1st Inst.	Individual	23,850	05
Brown, I.R. Zoology Toronto	Developmental changes in the mammalian brain 3yr - 1st Inst.	Individual	42,400	02
Brown, J.D. Eng Materials Western Ontario	X-rays, SIMS and surfaces 3yr - 2nd Inst.	Individual	20,988	04
Brown, J.M.N. Mathematics York	Finite projective planes 3yr - 2nd Inst.	Individual	1,412	16
Brown, K.M. Forestry Lakehead	Mathematical analysis of the crown and stem dynamics of Pinus resinosa ait 3yr - 3rd Inst.	Individual	18,365	18
Brown, K.S. Statistics Waterloo	Models for the estimation of risk 3yr - 2nd Inst.	Individual	1,749	14
Brown, L.C. Metallurgy British Columbia	Phase tranformations in solids 3yr - 2nd Inst.	Individual	29,680	04
Brown, L.M. Plant Science Western Ontario	Control mechanisms in the water relations of a green alga 3yr - 2nd Inst.	Univ. Research Fellow	21,200	03
Brown, R.E. Psychology Dalhousie	Sociobiology of reproductive and parental behaviour in rats 3yr - 1st Inst.	Individual	12,190	12
Brown, R.G. Biology Dalhousie	1) Structure and function of hydroxyproline-poor glycoproteins in plants 2) Control of enzyme induction in yeasts and fungi 3yr - 2nd Inst.	Individual	20,140	02
Brown, R.J.C. Chemistry Queen's	Application of NMR and NQR to study of molecular dynamics in solids 3yr - 1st Inst.	Individual	18,378	05
Brown, R.L. Geology Carleton	Structural investigations in the Canadian Cordillera 3yr - 3rd Inst.	Individual	18,365	10
Brown, R.M. Earth Sciences Waterloo	A study of uranium isotope disequilibrium in the Pre-Cambrian environment 2yr - 2nd Inst.	Individual	10,706	10
Brown, R.S. Chemistry Alberta	1) Photoelectron spectroscipic studies of fundamental processes 2) Model enzyme studies 3yr - 1st Inst.	Individual	34,629	05

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Brown, S.A. Chemistry Trent	Biosynthesis of the coumarins	Individual	13,600	03
Brown, S.R. Biology Queen's	Paleolimnology and the paleoecology of lakes 3yr - 3rd Inst.	Individual	20,813	18
Brown, T.C. Mathematics Simon Fraser	The density version of Ramsey's theorem for spaces 3yr - 2nd Inst.	Individual	8,472	16
Brown, W.G. Mathematics McGill	Combinatorial extremal problems 3yr - 1st Inst.	Individual	9,879	16
Browne, P.J. Math/Statistics Calgary	Multiparameter spectral theory/Factorization of operators 3yr - 1st Inst.	Individual	15,678	16
Browse, R.A. Comp. & Info. Sc. Queen's	Computer interpretation of images	Individual	9,540	07
Bruce, D.L. Biology Regina	Synergistic use of olivanic acids	Individual	6,360	02
Bruen, A.A. Mathematics Western Ontario	Finite geometries and permutation groups 3yr - 1st Inst.	Individual	15,678	16
Brumelle, S.L. Management Sciences British Columbia	Multiple objective optimization 3yr - 1st Inst.	Individual	9,349	16
Brumer, P.W. Chemistry Toronto	Topics in theoretical chemical dynamics 3yr - 2nd Inst.	Individual	32,860	05
Brundrett, E. Mechanical Eng. Waterloo	Energy conservation in industrial & horticultural structures 3yr - 2nd Inst.	Individual	22,048	13
Brunel, P. Sciences biolog. Montréal	Cycles de développement et succès de Crustacés suprabenthiques dans deux écosystèmes du golfe du Saint-Laurent	Individuelle	3,180	18
Brungs, H.H. Mathematics Alberta	Chain rings 3yr - 3rd Inst.	Individual	8,570	16
Bruns, G.W.A. Mathematical Sci. McMaster	Orthomodular lattices and related algebras 3yr - 1st Inst.	Individual	8,819	16
Brussell, E.M. Psychology Concordia	The processing of contour and brightness information 3yr - 3rd Inst.	Individual	17,140	12
Brust, R.A. Entomology Manitoba	Reproduction biology of mosquitoes. Biological control of mosquitoes 3yr - 1st Inst.	Individual	37,100	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bruton, L.T. Fac of Engineering Victoria	Analog and digital signal processing 3yr - 1st Inst.	Individual	51,940	11
Bryan, R.B. Geography Toronto	Erodibility of soils and erosion processes in laboratory and badland areas 3yr - 3rd Inst.	Individual	22,037	10
Bryant, J.T. Mechanical Eng. Queen's	* Principal investigator H.W.Wevers(Queen's) 3yr - 3rd Inst.	Team		13
Bryant, P.R. Electrical Eng. Waterloo	Nonlinear circuits and systems 3yr - 2nd Inst.	Individual	18,868	11
Bryden, M.P. Psychology Waterloo	Perceptual laterality and its relation to handedness and cognitive ability 3yr - 3rd Inst.	Individual	34,893	12
Bryman, D.A. TRIUMF Victoria	* Refer to M.D.Hasinoff(British Columbia)	Project		22
Bryman, D.A. TRIUMF Victoria	IEP-53 - Muon electron conversion at UVic * with A.L.Carter,D.Kessler, C.K.Hargrove(Carleton), J.M.A.Poutissou(British Columbia),P.H.M.Depommier, J.P.Martin,M.D.Hasinoff(Montreal)	Project	73,500	22
Bryman, D.A. TRIUMF Victoria	IEP-84 - TRIUMF research assistants * with J.M.A.Poutissou(British Columbia)	Project	124,668	22
Bryman, D.A. TRIUMF Victoria	* Refer to G.R.Mason(Victoria)	Project		22
Bryson, S.E. Psychology Dalhousie	The identification of normally oriented and misoriented stimuli: Hemispheric asymmetries in humans 3yr - 2nd Inst.	Individual	8,480	12
Brzozowski, J.A. Computer Science Waterloo	Algebraic theory of regular languages 3yr - 3rd Inst.	Individual	18,967	07
Brzustowski, T.A. Mechanical Eng. Waterloo	Combustion and applied thermodynamics 3yr - 1st Inst.	Individual	59,466	13
Bub, J. Philosophy Western Ontario	A deterministic model of spin and statistics utilizing nonmeasurable sets	Individual	3,180	16
Bubenik, G.A. Zoology Guelph	Endocrinology and trophical processes in deer 3yr - 3rd Inst.	Individual	20,568	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Buchanan, G.W. Chemistry Carleton	Applications of NMR to organic, biochemical and biological problems 3yr - 3rd Inst.	Individual	19,589	05
Buchanan-Smith, J.G. Animal/Poultry Sc. Guelph	Voluntary intake of forages, including silages, by ruminants 3yr - 2nd Inst.	Individual	26,500	01
Buckland, R.B. Animal Science Macdonald Coll.	Effect of selection for fertility of frozen-thawed chicken semen on fertility, glycerol distribution in spermatozoa, semen proteins and production traits 3yr - 1st Inst.	Individual	19,768	01
Buckle, N. Mathématiques Québec-Montréal	Edition et mise en page de textes scientifiques	Individuelle	156	07
Buckle, N. Informatique Québec-Hull	Edition et mise en page de textes scientifiques	Individuelle	7,562	07
Buckley, A.G. Math/Comp Science Dalhousie	Gradient methods of minimization and nonlinear programming	Individual	8,721	07
Buckley, A.G. Mathematics Concordia	Gradient methods of minimization and nonlinear programming 3yr - 3rd Inst.	Individual	4,746	07
Buckley, J.T. Biochem./Microbiol. Victoria	Interactions of two extracellular bacterial proteins with membranes 3yr - 2nd Inst.	Individual	37,100	02
Buckmaster, H.A. Physics Calgary	EPR of S-state transition group and lanthanide ions and of biological materials 3yr - 1st Inst.	Individual	37,100	15
Budd, K. Biology Queen's	Studies on the physiology of algae and fungi 3yr - 2nd Inst.	Individual	12,720	03
Budney, D.R. Mechanical Eng. Alberta	Photoelastic applications/Acoustic emission 3yr - 1st Inst.	Individual	12,826	13
Buggeln, R.G. Mar. Sc. Res. Lab Memorial	Translocation and source-sink relationships in Laminariales & Fucales 3yr - 3rd Inst.	Individual	14,070	03
Buhr, M.M. Animal Science Manitoba	Mechanisms of luteolysis in domestic livestock 3yr - 1st Inst.	Univ. Research Fellow	16,960	01
Buhr, R.J.A. Sys. & Comp. Eng. Carleton	Distributed computing systems 3yr - 1st Inst.	Individual	21,045	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bui, A.T. Mathematics British Columbia	Free boundary problems 3yr - 2nd Inst.	Individual	15,059	16
Bui, R.T. Sc. appliquées Québec-Chicoutimi	Opération optimale des processus industriels: Application aux systèmes énergétiques 3ans - 2e vers.	Individuelle	8,480	20
Bui, T.D. Computer Science Concordia	Numerical methods for stiff differential equations 3yr - 1st Inst.	Individual	16,193	07
Bui-Quoc, T. Génie mécanique Ecole Polytechnique	* Chercheur principal A.Bazerqui(Ecole Polytech.) 3ans - 2e vers.	Equipe		13
Buist, P.H. Chemistry Carleton	The biological methylation of unactivated olefins	Individual	15,900	05
Bullen, P.S. Mathematics British Columbia	Non-absolute integrals; inequalities 3yr - 1st Inst.	Individual	4,410	16
Bulley, N.R. Bio-Res. Eng. British Columbia	Supercritical fluid extraction of biological materials	Individual	12,720	21
Bullock, M. Psychology British Columbia	Casual thinking 3yr - 1st Inst.	Individual	13,250	12
Bulman-Fleming, S.D. Mathematics Wilfrid Laurier	Absolute flatness and amalgamation in semigroups 3yr - 1st Inst.	Individual	2,000	16
Bunce, N.J. Chemistry Guelph	Mechanisms of organic photoreactions in solution 3yr - 2nd Inst.	Individual	24,380	05
Buncel, E. Chemistry Queen's	Dynamic aspects of organic chemistry 3yr - 3rd Inst.	Individual	48,972	05
Bunge, M.I. Mathematics McGill	Applied topos theory 3yr - 1st Inst.	Individual	8,819	16
Bunker, P.R. Physics Carleton	The rovibronic energies of flexible triatomic molecules	Individual	7,000	15
Bunnell, F.L. Forest Science British Columbia	Foraging behaviour of ruminants 3yr - 1st Inst.	Individual	31,540	18
Bunt, R.B. Computer Science Saskatchewan	Adaptive algorithms for resource allocation 3yr - 1st Inst.	Individual	20,169	07
Bunting, B.T. Geography McMaster	Morphology and dynamics of organic matter in burned-over forest soils, central Ontario 3yr - 2nd Inst.	Individual	8,480	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Bunting, J.W. Chemistry Toronto	Reaction mechanisms of nitrogen heterocycles 3yr - 2nd Inst.	Individual	26,500	05
Bures, D.J.C. Mathematics British Columbia	Operator algebras and complemented lattices 3yr - 1st Inst.	Individual	2,450	16
Bures, J. Génie-physique Ecole Polytechnique	Application de l'optique moderne en: 1) Spectroscopie de corrélation 2) Photosensibilité dans les fibres optiques 3ans - 3e vers.	Individuelle	3,673	15
Burger, A.E. Biolcgy Memorial	Experimental analysis of the time budgets of breeding seabirds 3yr - 1st Inst.	Individual	7,802	18
Burgess, D.D. Chemistry McMaster	Neutron activation analysis of complex materials 2yr - 1st Inst.	Individual	10,600	05
Burgess, W.D. Mathematics Ottawa	Structure theory of noncommutative rings 3yr - 2nd Inst.	Individual	5,648	16
Burke, D.G. Physics McMaster	Nuclear reaction studies on heavy nuclei	Individual	14,250	22
Burke, M.D. Math/Statistics Calgary	Statistical analysis of biometric estimators for survival data 3yr - 3rd Inst.	Individual	4,665	14
Burke, P.E. Electrical Eng. Toronto	Induction and travelling wave theory and applications 3yr - 1st Inst.	Individual	28,090	11
Burke, R.D. Biology Victoria	Induction of metamorphosis in marine invertebrates 2yr - 1st Inst.	Univ. Research Fellow	23,076	01
Burkowski, F.J. Computer Science Waterloo	Design of a dataflow processor ring 3yr - 1st Inst.	Individual	18,750	07
Burnell, E.E. Chemistry British Columbia	Nuclear magnetic resonance studies of oriented molecules and ordered fluids 3yr - 2nd Inst.	Individual	18,020	05
Burnell, R.H. Chimie Laval	Synthesis of natural products - polyhydroxy diterpenoids 2ans - 1er vers.	Individuelle	16,079	05
Burnett, E.F.P. Civil Engineering Waterloo	Performance of structural concrete 3yr - 2nd Inst.	Individual	22,260	06
Burnett, R.T. Mathematics Acadia	Rank regression with repeated measures	Individual	1,000	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Burney, J.R. Agricult. Eng. Tech. Univ. N.S.	Evaluation and modelling of pollutants from manure disposal	Individual	8,480	06
Burns, C.M. Chemical Eng. Waterloo	Properties of polymers. Compatibility, permeability, surface properties and adhesion 3yr - 3rd Inst.	Individual	17,018	04
Burns, D.J. Mechanical Eng. Waterloo	Fatigue and fracture analysis of pressure vessels and piping 3yr - 2nd Inst.	Individual	38,107	13
Burns, G. Chemistry Toronto	Kinetics of fast chemical reactions in the gas phase	Individual	10,600	05
Burns, R.G. Mathematics York	Amalgamated and free products of groups; lattice varieties generated by the normal subgroup lattices of groups 3yr - 3rd Inst.	Individual	5,712	16
Burns, R.N. School of Business Queen's	1) Manpower shift scheduling 2) Industrial scheduling algorithms 3yr - 1st Inst.	Individual	32,860	20
Burnside, E.B. Animal/Poultry Sc. Guelph	Genetics of disease resistance and reproduction in dairy cattle 3yr - 2nd Inst.	Individual	20,511	01
Burpee, L. Environ. Biology Guelph	Biological control of low-temperature-tolerant plant pathogenic fungi 3yr - 1st Inst.	Individual	16,960	03
Burr, A.H. Biolog. Sciences Simon Fraser	Neural processing of sensory information in nematodes 3yr - 2nd Inst.	Individual	6,360	02
Burris, S.N. Pure Mathematics Waterloo	Structure questions, decidability questions and applications of universal algebra 3yr - 3rd Inst.	Individual	15,233	16
Burt, J.A. Physics York	Photoacoustic methods 3yr - 3rd Inst.	Individual	12,230	15
Burt, M.D.B. Biology New Brunswick	Systematics, phylogeny, development, and functional morphology of platyhelminthes 3yr - 1st Inst.	Individual	21,548	01
Burtnick, L.D. Chemistry British Columbia	Physicochemical studies on actin and actin-containing complexes	Individual	16,430	05
Burton, D. Biology Memorial	1) Teleost chromatics with particular reference to winter flounder, Pseudopleuronectes americanus 2) Comparative teleost dermatology 3yr - 2nd Inst.	Individual	8,480	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Burton, D.N. Microbiology Manitoba	Mechanisms and control of lipid metabolism 3yr - 1st Inst.	Individual	21,200	02
Burton, R.T. Mechanical Eng. Saskatchewan	General research in fluid power 3yr - 1st Inst.	Individual	16,112	13
Burwash, R.A. Geology Alberta	Relict archean terrains in the Western Churchill Province	Individual	10,600	10
Bury, K.V. Mechanical Eng. British Columbia	Decision analysis of engineering contract negotiation	Individual	3,710	20
Busch, L.V. Environ. Biology Guelph	The role of the root in infection, colonization and symptom development in Verticillium wilt of plants	Individual	14,288	03
Bush, A.O. Zoology Brandon	Development of parasitic helminth communities in waterfowl 3yr - 2nd Inst.	Individual	14,310	18
Bushnell, G.W. Chemistry Victoria	X-ray crystallography 3yr - 3rd Inst.	Individual	12,243	05
Bushuk, W. Plant Science Manitoba	Structure of wheat proteins in relation to their functionality in breadmaking 3yr - 2nd Inst.	Individual	44,520	03
Bussey, A.H. Biology McGill	Processing of secreted and membrane proteins in yeast 3yr - 2nd Inst.	Individual	34,980	02
Bustin, R.M. Geological Sciences British Columbia	Structure, sedimentology, and petrology of coal measures in Western and Arctic Canada	Individual	24,380	10
Butler, B.E. Psychology Queen's	Stimulus identification and localization in visual information-processing 3yr - 1st Inst.	Individual	16,642	12
Butler, D.G. Zoology Toronto	Hormonal control of water and electrolyte balance in aquatic vertebrates 3yr - 2nd Inst.	Individual	36,796	01
Butler, D.N. Chemistry York	Studies in synthetic organic and organometallic chemistry	Individual	12,720	05
Butler, G.J. Mathematics Alberta	Predator-prey systems, chemostat; population genetics; comparison theorems for differential equations 3yr - 1st Inst.	Individual	17,268	16
Butler, I.S. Chemistry McGill	Synthetic, kinetic, and spectroscopic studies on coordination compounds 3yr - 1st Inst.	Individual	34,980	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Buxton, W.A.S. Computer Science Toronto	Studies in Human-Computer Interaction	Individual	13,858	07
Buzacott, J.A. Industrial Eng. Toronto	Contributions to industrial engineering and operational research 3yr - 3rd Inst.	Individual	27,413	20
Buzacott, J.A. Management Sciences Waterloo	Contributions to industrial engineering and operational research 3yr - 3rd Inst.	Individual	4,419	20
Byer, P.H. Civil Engineering Toronto	Design of monitoring programs at waste landfill sites 3yr - 1st Inst.	Individual	14,840	06
Byerley, J.J. Chemical Eng. Waterloo	1) Physical chemistry of hydrometallurgical reactions 2) Electrochemical/Ion exchange processing of hydrometallurgical wastes and effluents 3yr - 1st Inst.	Individual	22,048	04
Byers, W.P. Mathematics Concordia	Dynamics of one-dimensional maps 3yr - 1st Inst.	Individual	4,410	16
Byrne, P.M. Civil Engineering British Columbia	Analytical methods in soil and soil-structure interaction problems 3yr - 1st Inst.	Individual	29,680	06
Cabana, A. Chimie Sherbrooke	Spectroscopie vibration-rotation a haute resolution par spectrometres a transformee de fourier et dispersifs	Individuelle	28,620	05
Cabilio, P. Mathematics Acadia	1) Measures of variation in rank scores 2) Sequential allocation and stopping 3yr - 1st Inst.	Individual	3,280	14
Cade, W.H. Biolog. Sciences Brock	Behavioral genetics and reproductive behavior in insects 3yr - 2nd Inst.	Individual	21,200	18
Caelli, T.M. Psychology Alberta	Coding constraints in visual image processing 3yr - 1st Inst.	Individual	31,800	12
Cafarelli, E. Physical Education York	Sensory and motor responses of human skeletal muscle to exercise 3yr - 2nd Inst.	Individual	9,010	01
Cahoon, J.R. Mechanical Eng. Manitoba	1) Mechanical properties of castings and two-phase composites 2) The nature of oxide films on alloys containing chromium 3yr - 2nd Inst.	Individual	16,006	04
Caille, A. Physique Sherbrooke	Etudes théoriques des quasi-unidimensionnels et physique des biomembranes 3ans - 3e vers.	Individuelle	26,690	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cain, D.P. Psychology Western Ontario	Kindling: Studies in neural plasticity 3yr - 1st Inst.	Individual	23,320	12
Caines, P.E. Electrical Eng. McGill	Adaptive control of stochastic systems 3yr - 1st Inst.	Individual	29,680	11
Cake, L.J. Psychology Memorial	Interest and human memory	Individual	3,180	12
Caldwell, D.E. Micro. & Food Sc. Saskatchewan	Kinetics of bacterial cellulose degradation 3yr - 1st Inst.	Individual	37,100	02
Caldwell, W.G.E. Geological Sciences Saskatchewan	Biostratigraphic studies in the cretaceous system of Western Canada 3yr - 3rd Inst.	Individual	28,159	10
Caley, W.F. Mining/Metallurgy Tech. Univ. N.S.	1) Changes in sulphide morphology of coal under controlled coking conditions 2) Slag-metal-refractory equilibria in pyrometallurgical reactions 3yr - 3rd Inst.	Individual	12,733	04
Calisal, S.M. Mechanical Eng. British Columbia	Hydrodynamic coefficients of axisymmetric platforms 3yr - 2nd Inst.	Individual	16,854	13
Calkin, M.G. Physics Dalhousie	Electrodynamics and quantum mechanics 3yr - 3rd Inst.	Individual	1,592	15
Calon, T.J. Geology Memorial	Structural studies of ophiolites and associated rocks	Individual	15,900	10
Calvert, S.E. Oceanography British Columbia	Geochemistry of recent marine sediments	Individual	28,620	10
Calvert, T.W. Kinesiology Simon Fraser	Human movement and performance: Linguistic and systems studies 3yr - 3rd Inst.	Individual	10,468	01
Camarero, R. Mathématiques appl. Ecole Polytechnique	Simulation numérique d'écoulements internes 3ans - 1er vers.	Individuelle	16,642	13
Cameron, B.W. Geology Acadia	Evolution, paloecology and depth distribution of fossil marine microbial endoliths 3yr - 1st Inst.	Individual	19,080	10
Cameron, J.A. Physics McMaster	Hyperfine interactions and nuclear structure 3yr - 3rd Inst.	Individual	30,608	22
Cameron, J.M. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cameron, J.M. Physics Alberta	IEP-101 - Radiative polarized neutron capture * with W.J.McDonald,P.Kitching, C.A.Miller,D.A.Hutcheon, R.Abegg(Alberta)	Project	67,200	22
Cameron, J.M. Physics Alberta	* Refer to C.A.Miller(Alberta)	Project		22
Cameron, J.M. Physics Alberta	* Refer to W.C.Olsen(Alberta)	Project		22
Cameron, J.M. Physics Alberta	* Refer to D.M.Sheppard(Alberta)	Team		22
Cameron, R.D. Computer Science Simon Fraser	Integrated programming environments	Individual	13,780	07
Cameron, T.S. Chemistry Dalhousie	X-ray crystallographic and modelling studies of hydrogen bonding, coordination compounds and selected reaction mechanisms 3yr - 1st Inst.	Individual	26,500	05
Camiletti, S. Mathematics Western Ontario	Perturbation analysis of flow in branching systems 3yr - 2nd Inst.	Individual	1,412	16
Camire, C. Pédologie/écologie Laval	Cycle de l'azote chez l'aulne rugueux (Alnus rugosa) et effets sur le milieu édaphique et la nutrition d'une plante associée 3ans - 3e vers.	Individuelle	11,019	03
Campanella, R.G. Civil Engineering British Columbia	Insitu testing of soil for foundation analyses and design 3yr - 3rd Inst.	Individual	20,201	06
Campbell, B.A. Physics Carleton	Aspects of supersymmetric gauge theories of the fundamental interactions	Univ. Research Fellow	10,600	15
Campbell, C.K. Elec. & Comp. Eng. McMaster	Acoustic and magnetostatic surface wave devices for communications applications	Individual	47,806	11
Campbell, F.A. Geology & Geophys. Calgary	Geochemistry, mineralogy, and isotope studies of rocks and ores	Individual	18,020	10
Campbell, I.A. Geography Alberta	Runoff, sediment yields and partial area contributions in badlands 3yr - 2nd Inst.	Individual	12,190	10
Campbell, I.H. Earth/Planet. Sci. Toronto	Activity coefficients in silicate liquids 2yr - 2nd Inst.	Individual	19,080	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Campbell, J.L. Physics Guelph	Investigations in atomic physics, metal defect physics and trace element analysis using nuclear accelerators and radiation detectors 3yr - 2nd Inst.	Individual	37,036	15
Campbell, J.N. Microbiology Alberta	Synthesis and activation of cell-associated precursors of exocellular enzymes in pseudomonas sp 3yr - 3rd Inst.	Individual	22,037	02
Campbell, K.B. Psychology Ottawa	Electrophysiological correlates of information processing during sleep 3yr - 2nd Inst.	Individual	10,600	12
Campbell, L.D. Animal Science Manitoba	Antinutritive substances in feedstuffs	Individual	15,815	01
Campbell, L.L. Math/Statistics Queen's	Information and communication theory 3yr - 1st Inst.	Individual	15,678	16
Campbell, P.G.C. INRS-Eau Québec - INRS	Influence de différentes formes de métaux traces sur l'activité hétérotrophe de la microflore aquatique 3ans - 2e vers.	Individuelle	14,840	21
Campbell, T.I. Civil Engineering Queen's	Non-linear design in prestressed concrete 3yr - 2nd Inst.	Individual	19,610	06
Canne, J.M. Botany & Genetics Guelph	Systematic studies in Agalinis and Galinsoga of Mexico, Central and South America 3yr - 1st Inst.	Individual	16,960	18
Cannon, W.H. Earth Sciences York	The application of long baseline interferometry to geodesy and geophysics-system development	Individual	36,040	10
Canonne, P. Chimie Laval	Utilisation de Di(bromomagnesio)alkanes fonctionnalisés en synthèse organique 2ans - 1er vers.	Individuelle	23,569	05
Cantwell, F.F. Chemistry Alberta	Liquid chromatography, solvent extraction and ion exchange 3yr - 1st Inst.	Individual	34,629	05
Canvin, D.T. Biology Queen's	1) Photosynthesis, photorespiration and nitrogen assimilation in plants 2) Lipid metabolism in plants 3yr - 3rd Inst.	Individual	75,907	03
Capéraà, P. Mathématiques Laval	Tests de rangs associés à un ordre stochastique	Individuelle	2,685	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Capjack, C.E. Electrical Eng. Alberta	Computer simulation of plasma behavior 3yr - 3rd Inst.	Individual	14,753	15
Caplan, H.S. Physics Saskatchewan	Electromagnetic production of pions	Individual	90,100	22
Cappell, H.D. Psychology Toronto	Drug tolerance * with C.X.Poulos(Toronto) 3yr - 1st Inst.	Team	26,500	12
Capri, A.Z. Physics Alberta	Solutions in quantum field theory 3yr - 1st Inst.	Individual	18,942	15
Capuano, G.A. Chimie Québec-Montréal	Revêtements métalliques d'aluminium à partir d'électrolytes organiques * avec A.Hade,H.Antoun(Qué.-Mont.) 3ans - 3e vers.	Equipe	15,916	04
Caradus, S.R. Math/Statistics Queen's	Wiener-Hopf equations in positron imaging problems 3yr - 3rd Inst.	Individual	2.380	16
Carballada, L. Génie civil Concordia	Combined flow and blockage	Individuelle	10,600	06
Carbone, R. Opér./syst. de déc Laval	Intégration des systèmes automatiques de gestion des stocks et de prévision 3ans - 1er vers.	Individuelle	10,480	20
Carbotte, J.P. Physics McMaster	Theoretical studies of metals, mainly superconductors 3yr - 1st Inst.	Individual	46,237	15
Card, D.C. Mechanical Eng. Manitoba	Solar concentrator photovoltaic/Thermal systems	Individual	11,872	13
Card, H.C. Electrical Eng. Manitoba	Semiconductor interfaces and defect states: Electronic processes and device applications 3yr - 1st Inst.	Individual	70,218	11
Cardinal, A Biologie Laval	Ecologie et écophysiologie des Diatomées benthiques de substrat dur en milieu marin 3ans - 1er vers.	Individuelle	38,160	18
Cardou, A. Génie mécanique Laval	Mécanique des solides toronnés 3ans - 1er vers.	Individuelle	14,734	13
Carefoot, T.H. Zoology British Columbia	Nutrition and feeding preferences of marine invertebrate herbivores 3yr - 1st Inst.	Individual	25,440	18
Carey, C.K. Botany & Genetics Guelph	Life history characteristics, genetic variability, and phenotypic plasticity in plants 3yr - 1st Inst.	Individual	17,000	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Carey, T.T. Comp. & Info. Sc. Guelph	Software architectures for user interface workstations	Individual	16,998	07
Carignan, R. INRS-Eau Québec - INRS	Influence de l'acidification des lacs sur le lessivage de métaux traces des sédiments 3ans - 1er vers.	Chercheur-boursier univ.	10,600	18
Carleton, T.J. Forestry Toronto	Understorey forest vegetation and collinear environmental trends	Individual	17,930	18
Carlone, C. Physique Sherbrooke	Etudes optiques des cristaux en fonction de la temperature et pression 3ans - 2e vers.	Individuelle	15,285	15
Carlson, J.C. Biology Waterloo	Studies on corpus luteum function and regression 3yr - 2nd Inst.	Individual	13,250	01
Carmichael, C.M. Geophysics Western Ontario	Geomagnetism 3yr - 1st Inst.	Individual	14,840	10
Carmichael, D.M. Geological Sciences Queen's	Metamorphic studies in Canada 3yr - 3rd Inst.	Individual	23,482	10
Carmichael, J.P. Mathématiques Laval	Caractérisation des processus réciproques 3ans - 1er vers.	Individuelle	2,685	14
Carmichael, J.W. Bacteriology Alberta	Taxonomy and ecology of fungi 3yr - 3rd Inst.	Individual	18,365	03
Carne, T.J. Chemistry Calgary	Biosynthesis of pituitary hormones: Mechanism of precursor processing 2yr - 1st Inst.	Individual	19,080	02
Carnegie, R.K. Physics Carleton	Project 82.04 e+e- Annihilation at LEP using the OPAL detector * with C.K.Hargrove(Carleton)	Project	315,000	23
Carnegie, R.K. Physics Carleton	Project 76.02 Photoproduction of final states of mass above 2.5 GeV with a magnetic spectrometer in the Tagged Photon Lab * with G.J.Luste,G.F.Hartner(Toronto)	Project	68,250	23
Carnegie, R.K. Physics Carleton	Project 3.1 Instrumentation developement for high energy physics * with A.L.Carter, E.P.Hincks,C.K.Hargrove(Carleton)	Project	120,960	23
Carolan, J.F. Physics British Columbia	Magnetic and transport properties of anisotropic conductors 3yr - 2nd Inst.	Individual	19,207	15
Caron, L.G. Physique Sherbrooke	Matière organique condensée 3ans - 3e vers.	Individuelle	20,996	15

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Carr, J. Electrical Eng. Waterloo	Control and planning of power systems 3yr - 1st Inst.	Individual	11,930	11
Carreau, P.J. Génie chimique Ecole Polytechnique	Hydrodynamique appliquée aux polymères 3ans - 1er vers.	Individuelle	22,578	04
Carrell, J.B. Mathematics British Columbia	Problems on vector fields and group actions 3yr - 3rd Inst.	Individual	17,998	16
Carriere, L. Kinanthropologie Québec-Montréal	Nature et caractéristiques des mécanismes d'ajustement d'acte moteur et leurs modifications avec l'apprentissage 3ans - 2e vers.	Individuelle	9,010	12
Carrington, T. Chemistry York	* Refer to S.V.Filseth(York) 2yr - 1st Inst.	Team		05
Carroll, J.M. Computer Science Western Ontario	Automatic indexing by statistical modelling 3yr - 1st Inst.	Individual	18,645	07
Carroll, R.L. Redpath Museum McGill	Evolution and functional anatomy of Paleozoic and Early Mesozoic reptiles 3yr - 1st Inst.	Individual	51,092	10
Carson, A.B. Mathematics Saskatchewan	Sheaves and uniform fields of rings 3yr - 1st Inst.	Individual	3,430	16
Carswell, A.I. Physics York	Laser diagnostics of the atmosphere 3yr - 1st Inst.	Individual	51,802	15
Carter, A.L. Physics Carleton	IEP-53 - Muon electron conversion at TRIUMF * with C.K.Hargrove(Carleton)	Project	10,500	22
Carter, A.L. Physics Carleton	* Refer to R.K.Carnegie(Carleton)	Project		23
Carter, A.L. Physics Carleton	* Refer to M.D.Hasinoff(British Columbia)	Project		22
Carter, A.L. Physics Carleton	* Refer to D.A.Bryman(Victoria)	Project		22
Carter, C. Mathematics Trent	Modelling of passive solar systems 3yr - 3rd Inst.	Individual	3,673	13
Carter, C.R. Elec. & Comp. Eng. McMaster	Search and rescue and position location by utilizing satellite constellations 3yr - 2nd Inst.	Individual	13,780	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Carter, E.M. Math/Statistics Guelph	The analysis of multivariate bioassay 3yr - 1st Inst.	Individual	4,295	14
Carter, J.A. Computer Science Saskatchewan	User oriented computer commands	Individual	7,420	07
Carter, J.C.H. Biology Waterloo	1) Biological responses to a turbidity gradient 2) The effects of experimental acidification on the structure of stream insect communities 3) The effects of temperature on life history parameters of stream insects 3yr - 1st Inst.	Individual	20,140	18
Carter, M.W. Industrial Eng. Toronto	Timetabling and scheduling student courses 3yr - 1st Inst.	Individual	6,360	20
Cartledge, J.C. Electrical Eng. Queen's	Receiver structures for digital communication systems 3yr - 1st Inst.	Individual	13,038	11
Carty, A.J. Chemistry Waterloo	Synthetic and structural studies in inorganic and organometallic chemistry 3yr - 1st Inst.	Individual	59,539	05
Cashion, P.J. Biology New Brunswick	Preparative scale synthesis of DNA relating to the affinity column isolation of fibroin mRNA	Individual	21,200	02
Cass, D.D. Botany Alberta	Embryological research of seed plants 3yr - 3rd Inst.	Individual	20,813	03
Cass, F.P.A. Mathematics Western Ontario	Summability of series and integrals, algebras of operators, Banach algebras 3yr - 2nd Inst.	Individual	5,648	16
Cassidy, C. Mathématiques Laval	La localisation dans les groupes quelconques 3ans - 3e vers.	Individuelle	1,428	16
Castel, B. Physics Queen's	Theoretical investigations in nuclear structure 3yr - 3rd Inst.	Individual	25,465	15
Castle, G.S.P. Electrical Eng. Western Ontario	Space charge effects in aerosols 3yr - 1st Inst.	Individual	20,882	11
Cavanagh, J.P. Psychologie Montréal	Encoding dimensions of the chrominance channels of the visual system 3ans - 3e vers.	Individuelle	25,710	12
Cavell, R.G. Chemistry Alberta	Synthetic inorganic chemistry and electron spectroscopy	Individual	46,319	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Caveney, S. Zoology Western Ontario	Intercellular communication in development 3yr - 3rd Inst.	Individual	24,486	02
Cavers, P.B. Plant Science Western Ontario	Weed ecology with special emphasis on the production, dispersal, dormancy, germination and population dynamics of seeds 3yr - 2nd Inst.	Individual	33,920	18
Cavey, M.J. Biology Calgary	Organization and regeneration of the coelomic lining in the echinoderm podium 3yr - 1st Inst.	Individual	19,080	02
Cawthorn, R.J. Veter. Microbiol Saskatchewan	Use of species of Sarcocystis (Protozoa: Sarcocystidae) as models to investigate comparative aspects of the phenomenon of heteroxeneity in coccidia 2yr - 1st Inst.	Univ. Research Fellow	16,960	01
Cedergren, R.J. Biochimie Montréal	L'étude, l'évolution et les implications biologiques des structures de RNA 3ans - 1er vers.	Individuelle	33,800	02
Cercone, N.J. Computer Science Simon Fraser	Knowledge representation, knowledge organization and data base methodology; natural language understanding 3yr - 3rd Inst.	Individual	15,916	07
Ceri, H. Biology Calgary	The molecular basis of cellular adhesions 3yr - 3rd Inst.	Univ. Research Fellow	18,365	02
Cerny, E. Infor. & rech opér. Montréal	Sûreté de fonctionnement et synthèse de systèmes digitaux 3ans - 1er vers.	Individuelle	14,204	11
Cerny, P. Earth Sciences Manitoba	Mineralogy, petrology, and genesis of granitic pegmatites 3yr - 1st Inst.	Individual	24,380	10
Chacon, R.V.S. Mathematics British Columbia	Probability and ergodic theory 3yr - 2nd Inst.	Individual	32,944	16
Chacron, M. Mathematics Carleton	Valued rings, ordered rings with involution, hermitian spaces 3yr - 1st Inst.	Individual	8,819	16
Chadwick, J.M.S. Micro/Immunology Queen's	Induction and effector mechanisms of immunity to microbial pathogens in insects - An aspect of developmental and comparative immunology 3yr - 3rd Inst.	Individual	24,486	02
Chaffey, C.E. Chemical Eng. Toronto	Rheological characterization of non-Newtonian fluids 3yr - 1st Inst.	Individual	16,006	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Chaklader, A.C.D. Metallurgical Eng. British Columbia	Sintering, modelling of refractories, interfacial phenomena between metals and ceramics 3yr - 3rd Inst.	Individual	35,505	04
Chakrabarti, C.L. Chemistry Carleton	1) Analytical atomic spectroscopy 2) Ultratrace analysis 3yr - 1st Inst.	Individual	33,039	05
Chakravarti, P.C. Mathematical Sci. McMaster	Numerical solution of systems of stiff differential equations. The determination of instabilities in deformation processes 3yr - 1st Inst.	Individual	4,490	16
Chakravartty, I.C. Mathematics Trent	The secondary zeta-function and allied problems 3yr - 3rd Inst.	Individual	3,604	16
Chalifoux, J.P. Mécanique Ecole Polytechnique	* Chercheur principal R.Gauvin(Ecole Poly.) 3ans - 2e vers.	Equipe		13
Chalk, J.H.H. Mathematics Toronto	Number-theory and discrete groups 3yr - 2nd Inst.	Individual	8,472	16
Challice, C.E. Physics Calgary	The structure, function, and innervation of muscle with particular reference to heart muscle 3yr - 2nd Inst.	Individual	24,592	01
Chamberlain, S.G. Electrical Eng. Waterloo	1) Solid-state photodetectors, imaging arrays, scanners and their applications to integrated circuit subsystems. 2) Device theory, design, characterization and modelling of modern semiconductor devices and their applications to integrated circuits and electronic systems 3yr - 3rd Inst.	Individual	47,626	11
Champness, C.H. Electrical Eng. McGill	Electronic and optical properties of tellurium, selenium and other semiconductors 3yr - 3rd Inst.	Individual	20,936	11
Chan, B. Stat. & Actuar. Sc Western Ontario	Stochastic models for investment returns and inflation and their actuarial implications 3yr - 2nd Inst.	Individual	4,028	14
Chan, C.H. Electronics Carleton	Sampled-analog signal processing integrated circuit and system design	Individual	5,300	11
Chan, L.K. Statistics Manitoba	1) Risk assessment of large technological systems 2) Hypothesis testing in functional relationship 3yr - 1st Inst.	Individual	12,349	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Chan, T.H. Chemistry McGill	Chemistry of organosilicon, phosphorus and sulfur compounds 3yr - 2nd Inst.	Individual	40,810	05
Chan, W.C. Electrical Eng. Calgary	Control of power systems 3yr - 1st Inst.	Individual	11,660	11
Chanasyk, D.S. Soil Science Alberta	The redistribution of soil moisture under various vegetative cover types 3yr - 1st Inst.	Individual	19,015	03
Chandna, O.P. Mathematics Windsor	Electromagnetofluid dynamics and solutions of navier-stokes equations 3yr - 3rd Inst.	Individual	11,425	16
Chandra, R. School of Admin. New Brunswick	* Refer to F.J.Arcelus(New Brunswick) 3yr - 1st Inst.	Team		20
Chandrashekar, M. Systems Design Waterloo	Models for computer aided design of solar energy systems and thermodynamic networks 3yr - 1st Inst.	Individual	17,808	13
Chang, B. Mathematics British Columbia	Small subgroups of Chevalley groups 3yr - 2nd Inst.	Individual	1,166	16
Chang, E.J.H. Computer Science Victoria	Computer enhanced cognition; distributed systems 3yr - 1st Inst.	Individual	18,001	07
Chang, J.S. Eng. Physics McMaster	Applied electrostatics in a two-phase system and device 3yr - 2nd Inst.	Individual	29,256	15
Chang, K.S. Chemical Eng. Waterloo	Modelling, identification, optimization, and computer control of chemical processes 3yr - 3rd Inst.	Individual	22,037	04
Chang, S.C. Mathematics Brock	Distinguished subspaces and summability invariants 3yr - 1st Inst.	Individual	3,430	16
Chanson, S.T. Computer Science British Columbia	Modelling and performance of local area networks 3yr - 1st Inst.	Individual	20,418	07
Chant, D.A. Zoology Toronto	Systematics and population ecology of mites of the family Phytoseiidae (Acarina) 3yr - 3rd Inst.	Individual	30,608	18
Chanut, J.P. Océanographie Québec-Rimouski	Analyse conjointe de plusieurs tableaux de données et dualité 3ans - 3e vers.	Individuelle	7,346	18
Chao, G.Y. Geology Carleton	1) Mineralogy of the nepheline syenite, Mont St.-Hilaire, Québec 2) Phase relations in the system Pt-Pd-Te-Sb 2yr - 2nd Inst.	Individual	16,960	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Chapados, C. Photobiophysique Qué.-Trois-Riv.	Etude par spectroscopie moléculaire des interactions intermoléculaires 3ans - 2e vers.	Individuelle	9,540	05
Chapco, W. Biology Regina	The genetics and population genetics of grasshoppers 3yr - 1st Inst.	Individual	13,250	18
Chapleau, R. Génie civil Ecole Polytechnique	Evaluation de la productivité opérationnelle d'une configuration de réseau de transport en commun 3ans - 3e vers.	Individuelle	11,019	06
Chapman, A.E. Kinesiology Simon Fraser	Biomechanical factors underlying the execution of skill 3yr - 2nd Inst.	Individual	10,070	01
Chapman, A.R.O. Biology Dalhousie	Determinants of productivity and structure in seaweed populations 3yr - 3rd Inst.	Individual	20,813	18
Chapman, C.H. Physics Toronto	Seismic body wave theory 3yr - 3rd Inst.	Individual	42,851	10
Chapman, G.R. Math/Statistics Guelph	Poincaré series of group cohomology rings 3yr - 1st Inst.	Individual	5,880	16
Char, B.W. Computer Science Waterloo	Algebraic and algebraic-numeric computation	Individual	15,032	07
Charette, A. Sc. appliquées Québec-Chicoutimi	1) Etude du transfert de chaleur à haute température (projet en cours) 2) Traitement d'une magnétite à faible teneur en composés de valeur, dont l'alumine (nouveau projet) 3ans - 3e vers.	Individuelle	9,060	04
Chari, T.R. Eng./Applied Sci. Memorial	1) Iceberg scour studies 2) Sampling, laboratory testing and in-situ testing of marine soils 3) Ultimate capacity of laterally loaded offshore piles and pile groups 3yr - 2nd Inst.	Individual	21,200	06
Charles, A.M. Biology Waterloo	Enyzmes of oxalacetate metabolism in facultative thiobacilli 1) Purification and characterization of PEP carboxylase 2) Studies on citrate synthase 3yr - 3rd Inst.	Individual	15,304	02
Charles, M.E. Chem Eng/App Chem Toronto	Flow of complex systems 3yr - 3rd Inst.	Individual	26,935	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Charlesworth, H.A.K. Geology Alberta	Structural study of coal-bearing and adjacent strata, Rocky Mountain Foothills, central Alberta 3yr - 2nd Inst.	Individual	6,360	10
Charlton, D.E. Physics Concordia	* Refer to N.W.Eddy(Concordia)	Team		22
Charlton, J.L. Chemistry Manitoba	Studies in photochemical kinetics. Synthesis of xanthocyclines 3yr - 3rd Inst.	Individual	9,794	05
Charness, N.H. Psychology Waterloo	Information processing analysis of age and skill differences 3yr - 1st Inst.	Individual	12,720	12
Charrier, J.M. Chemical Eng. McGill	Processing and engineering properties of polymeric systems 3yr - 2nd Inst.	Individual	16,006	04
Chase, R. Biology McGill	Neural mechanisms in olfaction 3yr - 2nd Inst.	Individual	22,260	01
Chater, E. Génie civil Sherbrooke	Propagation des instabilités plastiques et lois constitutives 3ans - 1er vers.	Chercheur-boursier univ.	13,780	06
Chatt, A. Chemistry Dalhousie	Development of nuclear analytical methods for trace elements 3yr - 2nd Inst.	Individual	24,380	05
Chatterjee, R. Physics Calgary	Racah-Wigner calculus and its application to atomic spectroscopy 3yr - 2nd Inst.	Individual	9,148	15
Chatterton, B.D.E. Geology Alberta	Taxonomic, paleoecologic, biostratigraphic and biogeographic studies of Paleozoic faunas of western and northern Canada, with concentration on conodonts and trilobites 3yr - 3rd Inst.	Individual	24,486	10
Chaturvedi, M.C. Mechanical Eng. Manitoba	Micromechanisms in two phase alloys 3yr - 2nd Inst.	Individual	25,864	04
Chatzis, I. Chemical Eng. Waterloo	Fundamental studies pertinent to enhanced oil recovery and to the structure of low permeability porous media 3yr - 2nd Inst.	Univ. Research Fellow	12,190	04
Chau, T.C. Mathematics Laurentian	Fenchel's conjecture as applied to the triangle group with an additional relation 3yr - 1st Inst.	Individual	2,450	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Chau, W.Y. Physics Queen's	Gravitational radiation, close binary systems, relativistic astrophysics 3yr - 1st Inst.	Individual	24,380	17
Chaubey, Y.P. Mathematics Concordia	Various procedures of estimating variance components; applications and efficiencies 3yr - 3rd Inst.	Individual	4,004	14
Chaudhuri, S.K. Electrical Eng. Waterloo	Time-and frequency-domain techniques for radar target mapping 3yr - 1st Inst.	Individual	12,826	11
Chavarie, C. Génie chimique Ecole Polytechnique	Modélisation des réacteurs à couches fluidisées 3ans - 3e vers.	Individuelle	15,181	04
Chavez, E.R. Animal Science Macdonald Coll.	Trace minerals during prenatal and neonatal nutrition of piglets 3yr - 2nd Inst.	Individual	10,600	01
Checkel, M.D. Mechanical Eng. Alberta	Combustion efficiency in spark-ignition engines 3yr - 1st Inst.	Individual	12,508	13
Chee, S.P. Civil Engineering Windsor	Hydraulics of ice-covered channels 3yr - 3rd Inst.	Individual	18,365	06
Cheeke, J.D.N. Physique Sherbrooke	Ultrasons à basse température 3ans - 3e vers.	Individuelle	36,937	15
Chehil, D.S. Applied Math. Tech. Univ. N.S.	Salt concentration in tidal estuaries 3yr - 2nd Inst.	Individual	1,942	16
Chen, B.H. Chemical Eng. Tech. Univ. N.S.	Development of wire mesh screen for chemical engineering applications; modelling of water pollution 3yr - 3rd Inst.	Individual	15,181	04
Chen, M.R.Y. Mathematics Concordia	1) Thermodynamic solutions of the Boltzmann equation 2) The Percus Yevick equations for mixtures of hard spheres with nonadditive diameters	Individual	5,000	05
Chen, T.T. Biology McMaster	Estrogen control of gene expression in rainbow trout 3yr - 1st Inst.	Individual	28,620	02
Chenevert, R.B. Chimie Laval	Biomimétisme 2ans - 1er vers.	Individuelle	17,139	05
Cheng, K.C. Mechanical Eng. Alberta	Studies of convective heat transfer problems in cold region 3yr - 1st Inst.	Individual	37,630	13
Cheng, K.M. Poultry Science British Columbia	Genetic and behavioral interactions and the process of domestication 3yr - 2nd Inst.	Individual	8,480	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cheng, R.M.H. Mechanical Eng. Concordia	Applied research in fluid control & automation 3yr - 3rd Inst.	Individual	29,383	13
Cheng, S.C. Mechanical Eng. Ottawa	A study of the minimum film boiling temperature under forced convective conditions 3yr - 1st Inst.	Individual	24,486	13
Cheng, S.W.H. Statistics Manitoba	1) Statistical inference based on order statistics. 2) Parametric inference of mixed or compound distributions and application to reliability 3yr - 3rd Inst.	Individual	2,424	14
Cherchas, D.B. Mechanical Eng. British Columbia	Advanced control using mini and microprocessors 3yr - 1st Inst.	Individual	18,232	13
Cherney, E.A. Electrical Eng. Windsor	Research into polymer insulators for power transmission	Individual	14,310	11
Cherry, J.A. Earth Sciences Waterloo	1) Groundwater origin, age and diffusion effects in thick clayey deposits 2) Contaminant plume development in unconfined sand aquifers 3yr - 1st Inst.	Individual	43,460	10
Cherry, S. Civil Engineering British Columbia	Topics in earthquake engineering: 1) Seismic design of coupled shear walls 2) Minimum seismic requirements for masonry walls 3) Earthquake isolation systems for mechanical equipment 3yr - 2nd Inst.	Individual	16,960	06
Chesworth, W. Land Resource Sc Guelph	Geochemistry of soil-forming processes 3yr - 1st Inst.	Individual	21,200	10
Cheung, T.Y. Computer Science Ottawa	Analytical and software engineering methodology for distributed databases, communication protocols and distributed algorithms 3yr - 2nd Inst.	Individual	24,952	07
Chevalier, G. Sciences biolog. Québec-Montréal	Effet des pluies acides sur le système caudal neurosécréteur 3ans - 2e vers.	Individuelle	19,080	02
Chia, C.Y. Civil Engineering Calgary	Nonlinear analysis of composite plates 3yr - 3rd Inst.	Individual	17,140	13
Chia, F.S. Zoology Alberta	Development and reproductive biology of marine invertebrates with special emphasis on larval biology 3yr - 1st Inst.	Individual	54,363	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Chiang, K.W. Electrical Eng. Ottawa	1) VLSI circuit testing 2) Design of a special-purpose logic simulation processor	Individual	10,500	11
Chieh, P.C. Chemistry Waterloo	Crystallography and the study of dithio acid functional group 3yr - 3rd Inst.	Individual	23,262	05
Chieng, S.T. Bio-Res. Eng. British Columbia	Impact of subsurface drainage on watercourse's nutrient loading 3yr - 1st Inst.	Individual	11,130	06
Childs, R.F. Chemistry McMaster	Carbocations and Lewis acid complexes 3yr - 1st Inst.	Individual	48,409	05
Chin, F. Computer Science Alberta	1) Crash recovery in a distributed database system 2) The design of statistical database systems and inference control 3yr - 1st Inst.	Individual	29,211	07
Chin, J.B. Chemistry McGill	Catalysis in hydrolyses of simple phosphodiester compounds and DNA 3yr - 1st Inst.	Univ. Research Fellow	18,000	05
Chin, S.L. Physique Laval	Multiphoton interactions 3ans - 2e vers.	Individuelle	35,849	15
Chinnappa, C.C. Biology Calgary	Biosystematic studies on evolutionary strategies and patterns of variation 3yr - 1st Inst.	Individual	21,200	18
Chivers, T. Chemistry Calgary	Synthetic, structural and electrochemical studies of electron-rich inorganic rings, chains and cages 3yr - 1st Inst.	Individual	42,400	05
Cho, C.M. Soil Science Manitoba	Investigation on denitrification process in soil 3yr - 1st Inst.	Individual	21,305	03
Cho, H.R. Physics Toronto	Cloud-mean-flow interactions and dynamics of tropical weather systems 3yr - 1st Inst.	Individual	35,775	17
Choe, T.H. Mathematical Sci. McMaster	Categories of ordered spaces and topological algebras 3yr - 2nd Inst.	Individual	4,236	16
Choi, M.D. Mathematics Toronto	Positivity and matrix algebras 3yr - 3rd Inst.	Individual	23,801	16
Choksi, J.R. Mathematics McGill	1) Ergodic measurable and measure preserving transformations 2) Automorphisms of homogeneous measure algebras 3yr - 1st Inst.	Individual	15,678	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cholette, C. Sciences pures Québec-Chicoutimi	* Chercheur principal G.Gallagher(Qué.-Chicoutimi) 3ans - 3e vers.	Equipe		13
Chong, C. Plant Science Macdonald Coll.	Morphogenesis and physiology of Malus cell and tissue cultures 3yr - 2nd Inst.	Individual	11,660	03
Chong, D.P. Chemistry British Columbia	Research in quantum chemistry 3yr - 3rd Inst.	Individual	28,772	05
Chong Hok Yuen, C.K.S. Computer Science Concordia	An empirical approach to the study of large software maintenance and evolution	Individual	13,729	07
Choo, E.U. Business Admin. Simon Fraser	Multicriteria mathematical programming and tchebycheff interactive algorithm	Individual	3,430	16
Choplin, L. Génie chimique Laval	1) Recouvrement libre par des fluides viscoélastiques 2) Rhéologie de la fermentation 3ans - 3e vers.	Individuelle	10,897	04
Choquet, P. Mines & métallurgie Laval	Dimensionnement des revêtements de béton des galeries souterraines 3ans - 1er vers.	Individuelle	11,660	06
Chornet, E. Génie chimique Sherbrooke	Aspects cinétiques et catalytiques couplés aux contraintes de transfert de masse (systèmes à trois phases) dans les réactions de "liquification" 3ans - 2e vers.	Individuelle	30,422	04
Chow, A. Chemistry Manitoba	The analytical uses of polyurethane foam 3yr - 3rd Inst.	Individual	11,019	05
Chow, Y.L. Electrical Eng. Waterloo	Electromagnetic field computations 3yr - 2nd Inst.	Individual	17,384	11
Chow, Y.L. Chemistry Simon Fraser	Mechanistic and synthetic studies in photochemistry and free radical chemistry 3yr - 1st Inst.	Individual	45,050	05
Chowdhury, K.L. Mechanical Eng. Calgary	Applications of rotational brownian motion to dielectric relaxation phenomena and constitutive equations	Individual	6,678	15
Christen, C.A. Infor. & rech opér. Montréal	Analyse de problèmes de détection optimale	Individuelle	8,215	07
Christensen, D.A. Animal/Poultry Sc. Saskatchewan	Mineral metabolism in cattle 3yr - 3rd Inst.	Individual	12,243	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Christensen, G.S. Electrical Eng. Alberta	Functional analysis applied to engineering problems 3yr - 3rd Inst.	Individual	22,405	11
Christian, A.J. Civil Engineering Memorial	1) Impact of offshore development on the local construction industry 2) Contract administration and training in civil engineering 3yr - 2nd Inst.	Individual	13,780	06
Christopherson, R.J. Animal Science Alberta	Control of digestion and metabolism in animals 3yr - 3rd Inst.	Individual	17,998	01
Chrzanowski, A.J. Surveying Eng New Brunswick	Use of new methods and instrumentation in engineering surveys 3yr - 2nd Inst	Individual	25,440	06
Chu, V.H. Civil Engineering McGill	Hydrodynamic transport and dispersion processes 3yr - 3rd Inst.	Individual	20,813	13
Chung, Y.S. Sciences biolog. Montréal	Etude génétique et moléculaire des effets de l'ozone chez les procaryotes et les eucaryotes 3ans - 2e vers.	Individuelle	15,900	02
Church, M.A. Geography British Columbia	Studies of the hydraulics of alluvial rivers 2yr - 2nd Inst.	Individual	27,030	10
Church, R.B. Biology Calgary	Gene expression in mammalian embryos 3yr - 2nd Inst.	Individual	54,060	02
Church, W.R. Geology Western Ontario	Evolution of ophiolite-bearing proterozoic and paleozoic orogenic systems	Individual	13,780	10
Churcher, C.S. Zoology Toronto	Quaternary mammalian faunas, especially of Canada and Africa 3yr - 1st Inst.	Individual	30,740	10
Chute, D.L. Life Sciences Toronto	Cyclic AMP mediation of memory 3yr - 3rd Inst.	Individual	8,570	12
Chute, F.S. Electrical Eng. Alberta	Electromagnetic heating of oil sand and other earth-type and biological materials 3yr - 2nd Inst.	Individual	28,026	11
Chvatal, V. Computer Science McGill	Combinatorial optimization 3yr - 2nd Inst.	Individual	34,004	16
Ciampi, A. Medical Biophys. Toronto	Survival analysis with concomitant information 3yr - 1st Inst.	Individual	4,295	14
Cicci, F. Aerospace Studies Toronto	Development and validation of computer model for crashworthiness design of metal and composite structures	Individual	2,756	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ciric, I.M. Electrical Eng. Manitoba	1) Corona fields and losses of HVDC transmission lines; 2) Electromagnetic systems with moving conductors; 3) Magnetic fields modeling	Individual	12,614	11
Cizek, J. Applied Math. Waterloo	Correlation effects in molecules. Mathematical and methodological problems in quantum chemistry 3yr - 3rd Inst.	Individual	36,729	05
Claisse, F. Mines & métallurgie Laval	Applications des rayons-X en métallurgie	Individuelle	19,610	04
Clandinin, M.T. Nutritional Sci. Toronto	Modulation of membrane structure and function by diet fat 3yr - 1st Inst.	Individual	31,800	01
Clark, A.H. Geological Sciences Queen's	Origin and delimitation of metallogenetic provinces and domains at convergent lithosphere plate boundaries 3yr - 1st Inst.	Individual	28,620	10
Clark, C.W. Mathematics British Columbia	Mathematical bioeconomics 3yr - 1st Inst.	Individual	37,477	16
Clark, G.S. Earth Sciences Manitoba	Rubidium-strontium geochronology of Archean orthogneiss and middle Proterozoic plutonism, Churchill Province, northern Manitoba 3yr - 2nd Inst.	Individual	9,010	10
Clark, H.C. Chemistry Guelph	Synthetic and mechanistic studies in aspects of organometallic chemistry related to catalysis 3yr - 1st Inst.	Individual	67,840	05
Clark, K.W. Plant Science Manitoba	Festuca-lolium hybridization and Agrostis stolonifera chemical tolerance	Individual	10,600	03
Clark, T.A. Physics Calgary	Far infra-red solar astronomy 3yr - 1st Inst.	Individual	25,970	17
Clarke, B.L. Chemistry Alberta	Stability, dynamics and chaos in complex chemical networks 3yr - 1st Inst.	Individual	16,079	05
Clarke, D.B. Geology Dalhousie	Petrogenesis of igneous rocks: 1) Peraluminous granites 2) Kimberlites and K-sulphides 3) Basic volcanic rocks 3yr - 1st Inst.	Individual	30,740	10
Clarke, F.H. Mathematics British Columbia	Optimization and nonsmooth analysis 3yr - 1st Inst.	Individual	35,357	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Clarke, G.K.C. Geophys./Astron. British Columbia	Glaciology: field study, theory and instrumentation 3yr - 1st Inst.	Individual	42,400	10
Clarke, R.L. Physics Carleton	Large aperture ultrasound focussing 2yr - 1st Inst.	Individual	6,360	15
Clarke, W.B. Physics McMaster	Investigations of isotope patterns in nature 3yr - 1st Inst.	Individual	31,800	10
Clavet, A. Génie électrique Sherbrooke	Contrôle numérique d'un système solaire	Individuelle	8,480	11
Clayman, B.P. Physics Simon Fraser	Far-infrared study of condensed matter 3yr - 1st Inst.	Individual	23,341	15
Clayton, A.M. Civil Engineering Manitoba	Evaluation of transport infrastructure development in Western Canada 3yr - 3rd Inst.	Individual	12,856	06
Cleary, J.G. Computer Science Calgary	Adaptive systems	Individual	12,929	07
Cleghorn, W.L. Mechanical Eng. Manitoba	Finite element analysis of flexible mechanisms 3yr - 1st Inst.	Individual	13,080	13
Clemens, W.J. Psychology Cape Breton	Evaluation of theories of autonomic self-control 3yr - 1st Inst.	Individual	3,710	12
Clement, B. Mathématiques appl. Ecole Polytechnique	Tests d'ajustement en analyse multidimensionnelle 3ans - 2e vers.	Individuelle	6,837	14
Clement, C.M. Astronomy Toronto	Study of variable stars in globular clusters 3yr - 2nd Inst.	Individual	9,540	17
Clement, M.J. Astronomy Toronto	Computer studies of rotating stars 3yr - 3rd Inst.	Individual	18,365	17
Clements, J.C. Math,Stat&Comp Sc Dalhousie	1) A general theory for comparative diffusion problems 2) The optimal control of glider winch-launch trajectories 3) Fast, accurate algorithms for the smoothing and the isometric mapping of developable surfaces 3yr - 2nd Inst	Individual	2,883	16
Clements, R.M. Physics Victoria	Electrical aspects of combustion 3yr - 3rd Inst.	Individual	27,302	11
Cleroux, R. Infor. & rech opér. Montréal	Recherche de politiques optimales de maintenance et de remplacement d'équipement 3ans - 3e vers.	Individuelle	25,710	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cliff, G.H. Mathematics Alberta	Group rings and their representations 3yr - 2nd Inst.	Individual	11,295	16
Clifford, H.F. Zoology Alberta	Ecology of aquatic invertebrates 3yr - 2nd Inst.	Individual	22,260	18
Climenhaga, J.L. Physics Victoria	1) Late type high luminosity stars 2) 12C/13C abundance ratio in carbon stars 3) T tauri stars and OB associations 3yr - 1st Inst.	Individual	4,240	17
Clive, D.L.J. Chemistry Alberta	New synthetic methods using selenium and tellurium reagents 3yr - 3rd Inst.	Individual	28,159	05
Clouter, M.J. Physics Memorial	Laser light scattering spectroscopy 3yr - 1st Inst.	Individual	27,560	15
Cloutier, C.F. Biologie Laval	Aphid biology and ecology	Individuelle	15,900	18
Cloutier, L. Génie mécanique Laval	Cinématique et géométrie des engrenages spatiaux 3ans - 2e vers.	Individuelle	14,278	13
Clowes, R.M. Geophys./Astron. British Columbia	Reflection/refraction seismology on land and at sea for crustal/upper mantle investigations 3yr - 1st Inst.	Individual	33,920	10
Cluis, D.A. INRS-Eau Québec - INRS	Persistance des séries hydrologiques 3ans - 1er vers.	Individuelle	15,900	06
Clulow, F.V. Biology Laurentian	Physiology and behaviour of small native mammals 3yr - 2nd Inst.	Individual	10,600	18
Clutton-Brock, M. Math./Astronomy Manitoba	Cosmology and cosmogony 3yr - 2nd Inst.	Individual	5,300	17
Cobb, J.D. Electrical Eng. Toronto	Singular system theory and applications	Individual	11,448	11
Cobbold, R.S.C. Bio-Med Eng. Toronto	Biomedical engineering research 3yr - 2nd Inst.	Individual	35,485	11
Cochran, J.F. Physics Simon Fraser	Surface impedance of metals 3yr - 1st Inst.	Individual	57,865	15
Cochrane, R.W. Physique Montréal	Etudes magnétiques et de transport des matériaux désordonnés 2ans - 1er vers.	Chercheur-boursier univ.	29,468	15

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cocivera, M. Chemistry Guelph	Physical and electrochemical properties of semiconductors coated with organometallic compounds	Individual	35,159	05
Cockayne, E.J. Mathematics Victoria	Analytical and computational investigations into the theory and applications of graph theory 3yr - 2nd Inst.	Individual	9,532	16
Code, R.F. Physics Toronto	Optical properties (60%) and NMR (40%) of molecular solids and liquids 3yr - 3rd Inst.	Individual	25,196	15
Cogger, L.L. Physics Calgary	An investigation of upper atmospheric processes by optical techniques 3yr - 3rd Inst.	Individual	31,832	17
Cogley, J.G. Geography Trent	Palaeoclimate and global tectonics	Individual	10,600	10
Cohen, H. Sexologie Québec-Montréal	Implication des hémisphères cérébraux dans le traitement linguistique et tactile 3ans - 1er vers.	Individuelle	11,130	12
Cohen, H. Civil Engineering Manitoba	Nonlinear wave propagation in plates, shells and rods 3yr - 2nd Inst.	Individual	19,080	13
Cohen, J.S. Psychology Windsor	Stimulus competition and comparison in overshadowing and blocking 3yr - 2nd Inst.	Individual	6,360	12
Cohen, P.J. Génie électrique Ecole Polytechnique	Codage et traitement des signaux d'images. Applications aux transmissions de télévision et aux systèmes de communications visuelles 3ans - 3e vers.	Individuelle	12,121	11
Cohen, R.L. Psychology York	Individual differences in memory 3yr - 2nd Inst.	Individual	18,020	12
Cohn, M.Z. Civil Engineering Waterloo	1) Inelastic behaviour of reinforced and prestressed concrete 2) Structural plasticity, reliability and optimization 3yr - 2nd Inst.	Individual	37,100	06
Colborne, W.G. Mechanical Eng. Windsor	* Principal investigator N.W.Wilson(Windsor) 3yr - 2nd Inst.	Team		13
Colbourn, C.J. Computer Science Saskatchewan	Analysis algorithms for combinatorial configurations	Individual	9,961	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Colbourn, C.J. Computer Science Waterloo	Analysis algorithms for combinatorial configurations	Individual	3,897	07
Colbourn, M.J. Computer Science Saskatchewan	Combinatorial algorithms for block designs; expert system for diagnosing reading difficulties	Individual	12,770	07
Colbourne, J.R. Mechanical Eng. Alberta	Gear geometry and tooth strength 3yr - 2nd Inst.	Individual	12,667	13
Colbow, K. Physics Simon Fraser	Light interaction with matter 3yr - 2nd Inst.	Individual	21,380	15
Cole, K.M. Botany British Columbia	Cytological studies of some red and brown algae 3yr - 1st Inst.	Individual	52,000	03
Colebrook, L.D. Chemistry Concordia	Studies in organic structure and stereochemistry 3yr - 3rd Inst.	Individual	8,570	05
Coleman, A.J. Math/Statistics Queen's	1) Reduced density operators 2) Principal three dimensional subgroups 3yr - 1st Inst.	Individual	15,678	16
Coleman, J.R. Botany Toronto	Environmental regulation of algal photosynthesis: Mechanisms of adaptation 3yr - 1st Inst.	Univ. Research Fellow	10,600	02
Coleman, R.A. Math/Statistics Regina	* Refer to H.Korte(Regina)	Team		16
Colgan, P.W. Biology Queen's	Feeding, behaviour and social development in freshwater fishes 3yr - 3rd Inst.	Individual	27,547	01
Coll, D.C. Sys. & Comp. Eng. Carleton	Methods for increasing the utilization of television channels 3yr - 1st Inst.	Individual	10,282	11
Collin, G.J.M. Sciences pures Québec-Chicoutimi	Photolyse de composés organiques gazeux 3ans - 3e vers.	Individuelle	20,813	05
Collins, C.B. Applied Math. Waterloo	1) General relativistic cosmology 2) Techniques for solving nonlinear partial differential equations 3yr - 3rd Inst.	Individual	15,233	16
Collins, D.H. Zoology Toronto	Distribution, composition and inter-relationships of Burgess Shale faunas	Individual	8,480	10
Collins, D.W. Ctre.-Build. Stud. Concordia	Master control system (MCS) in building engineering using computer aided design (CAD)	Individual	12,000	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Collins, G.F.N. Paediatrics Manitoba	* Refer to R.M.Rangayyan(Manitoba) 3yr - 1st Inst.	Team		11
Collins, J.R. Math/Statistics Calgary	Research in robust estimation 3yr - 1st Inst.	Individual	8,590	14
Collins, M.F. Physics McMaster	Magnetic and critical scattering of neutrons 3yr - 1st Inst.	Individual	42,665	15
Collins, M.P. Civil Engineering Toronto	Reinforced concrete in shear and torsion 3yr - 1st Inst.	Individual	58,300	06
Collins, N.C. Zoology Toronto	Experimental field studies of conditions limiting exploitation of benthic organisms by fishes	Individual	16,960	18
Collins-Thompson, D.L. Environ. Biology Guelph	Antimicrobial activity of sodium nitrite in facultative and anaerobic bacteria 3yr - 2nd Inst.	Individual	15,900	02
Colman, B. Biology York	Photorespiration, CO2 fixation and inorganic carbon transport in plants 3yr - 2nd Inst.	Individual	42,400	03
Colpa, J.P. Chemistry Queen's	Optical nuclear polarisation, phosphorescence and chemical reactions in molecular crystals - physical properties of excited states of molecules 3yr - 2nd Inst.	Individual	20,140	05
Colter, A.K. Chemistry Guelph	Mechanisms of hydride transfer and related organic redox reactions	Individual	6,890	05
Comisarow, M.B. Chemistry British Columbia	Ion-molecule reactions studied by Fourier transform ion cyclotron resonance spectroscopy 2yr - 1st Inst.	Individual	21,200	05
Comyn, M. TRIUMF British Columbia	* Refer to D.A.Axen(British Columbia)	Project		22
Comyn, M. TRIUMF British Columbia	* Refer to B.L.White(British Columbia)	Project		22
Conan, J. Génie électrique Ecole Polytechnique	Analyse structurelle et construction des codes convolutionnels avec applications	Individuelle	11,872	11
Cone, D.K. Biology Saint Mary's	The systematics, life history, and epizootiology of Gyrodactylus Nordmann, 1832 3yr - 2nd Inst.	Univ. Research Fellow	12,720	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Conn, A.R. Computer Science Waterloo	Piecewise differentiable functions, their application to continuous optimization and their stable numerical implementation 3yr - 2nd Inst.	Individual	30,782	07
Conrath, D.W. Management Sciences Waterloo	Specification and evaluation of integrated communication-information systems	Individual	31,800	20
Conroy, J.C. Biology Winnipeg	A review of the water mite genus Neumania lebert 3yr - 2nd Inst.	Individual	3,180	18
Contogouris, A.P. Physics McGill	Theoretical problems and applications of quantum chromodynamics - Polarization phenomena in inclusive reactions - Large transverse processes - Two body reaction at very high energies 3yr - 1st Inst.	Individual	40,651	15
Conway, B.E. Chemistry Ottawa	Electrochemistry of processes at interfaces and in solutions 3yr - 3rd Inst.	Individual	67,337	05
Cook, F.A. Geology & Geophys. Calgary	Seismic reflection profiling in the southern Canadian cordilera	Individual	19,080	10
Cook, S.A. Computer Science Toronto	Computational complexity 3yr - 2nd Inst.	Individual	45,198	07
Cook, W.D. Management Sciences York	Priority ranking and multiple goal decision models - Theory and applications 3yr - 1st Inst.	Individual	33,379	20
Cooke, F. Biology Queen's	A long term genetical, ecological and behavioural study of a Lesser Snow Goose population 3yr - 3rd Inst.	Individual	48,972	18
Cooke, N.E. Chemical Eng. McGill	Solution and depolymerization of coal 3yr - 3rd Inst.	Individual	12,733	04
Cooke, R.C. Oceanography Dalhousie	Reactions of gaseous, dissolved and particulate carbon in the sea 3yr - 3rd Inst.	Individual	17,140	10
Coombes, C.A. Physics Calgary	Net spectral radiation to local region 3yr - 2nd Inst.	Individual	6,360	17
Coombs, D.H. Biology New Brunswick	Initiation of head assembly in bacteriophage T4 3yr - 3rd Inst.	Individual	18,365	02
Coope, J.A.R. Chemistry British Columbia	Studies in molecular physics 3yr - 2nd Inst.	Individual	12,720	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Cooper, C.W. Metallurgical Eng. Queen's	Hydrometallurgy of non-ferrous metals 3yr - 2nd Inst.	Individual	16,960	04
Cooper, D.F. Chemical Eng. Lakehead	* Principal investigator A.F.Gilbert(Lakehead) 3yr - 2nd Inst.	Team		04
Cooper, D.G. Chemical Eng. McGill	Identification, properties and application of biosurfactants 3yr - 3rd Inst.	Univ. Research Fellow	12,243	04
Cooper, R.H. Computer Science New Brunswick	Analysis of a polygraphic substitution cipher	Individual	6,882	07
Cooper, R.M. Psychology Calgary	Local (14C)-2-DG activity studies of nervous system 3yr - 1st Inst.	Individual	20,140	12
Cooper, S. INRS-Santé Québec - INRS	N-nitroso compounds as biological markers in physiological and pathological aging	Individuelle	11,861	01
Cooperstock, F.I. Physics Victoria	Two-body problem, gravitational energy & other problems in general relativity 3yr - 3rd Inst.	Individual	13,553	15
Copeland, M.A. Electronics Carleton	Integrated circuit design and application	Individual	19,186	11
Copeman, R.J. Plant Science British Columbia	Techniques for detection and strain identification of Erwinia carotovora 3yr - 1st Inst.	Individual	13,080	03
Copley, J.R.D. Physics McMaster	Neutron scattering and computer simulation studies of condensed matter 2yr - 1st Inst.	Individual	17,808	15
Copper, P. Geology Laurentian	Paleoecology, evolution and morphology of Ordovician to Devonian atrypoid brachiopods; ecological succession in reefs 3yr - 3rd Inst.	Individual	22,037	10
Corbett, J.M. Physics Waterloo	Electron diffraction and diffraction contrast from layer crystals 3yr - 3rd Inst.	Individual	13,615	15
Corcoran, M.E. Psychology Victoria	Catecholamines and actions of ethanol 3yr - 2nd Inst.	Individual	17,172	12
Coren, S. Psychology British Columbia	Visual information processing in aging individuals 3yr - 3rd Inst.	Individual	18,365	12
Corey, S. Zoology Guelph	The biology and ecology of neritic zooplankton communities and hyperbenthos	Individual	13,780	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Corff, S. Biology Calgary	Molecular control of cell growth and differentiation in eukaryotes	Individual	6,925	02
Corff, S. Zoology Toronto	Molecular control of cell growth and differentiation in eukaryotes 3yr - 3rd Inst.	Individual	5,318	02
Corinthios, M.J. Génie électrique Ecole Polytechnique	Processeurs à structure cellulaire pour le traitement de signaux en général et des images en particulier 3ans - 1er vers.	Individuelle	16,536	11
Cormack, D.E. Chemical Eng. Toronto	Fluid flow and chemical reaction in multiphase systems 3yr - 2nd Inst.	Individual	15,052	04
Cormack, G.D. Electrical Eng. Alberta	Broadband local area networks 3yr - 1st Inst.	Individual	12,508	11
Cormack, G.V. Computer Science Waterloo	General purpose programming languages and environments	Individual	13,729	07
Corneil, D.G. Computer Science Toronto	Algorithms in combinatorics 3yr - 3rd Inst.	Individual	23,262	07
Cornell, E.H. Psychology Alberta	Spatial cognition and wayfinding by children 3yr - 2nd Inst.	Individual	12,720	12
Corning, W.C. Psychology Waterloo	EEG and psychological profiles in problematical children 3yr - 2nd Inst.	Individual	5,300	12
Corsini, A. Chemistry McMaster	Chelating agents, preconcentration methods and trace analysis 3yr - 1st Inst.	Individual	21,730	05
Cossins, E.A. Botany Alberta	Folate and amino acid metabolism in plants 3yr - 1st Inst.	Individual	74,073	03
Costerton, J.W.F. Biology Calgary	Structure of the outer bacterial cell wall and its function in nature and disease 3yr - 3rd Inst.	Individual	55,094	02
Cotter, D.A. Biology Windsor	Gene expression during Dictyostelium discoideum spore germination 3yr - 2nd Inst.	Individual	25,440	02
Couch, W.E. Math/Statistics Calgary	Radiation in gravitational fields 3yr - 1st Inst.	Individual	2,120	15
Couillard, D. INRS-Eau Québec - INRS	Toxicité des eaux de ruissellement urbain 3ans - 2e vers.	Individuelle	19,610	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Couillard, P. Sciences biolog. Montréal	Etudes physiologiques sur Amoeba proteus	Individuelle	24,128	01
Coukell, M.B. Biology York	Mechanisms of signal transduction and processing in dictyostelium 3yr - 1st Inst.	Individual	28,620	02
Coulombe, D. Psychologie Ottawa	Brain stimulation and memory 3ans - 2e vers.	Individuelle	4,770	12
Coulton, J.W. Micro/Immunology McGill	Structure and function of bacterial membrane receptors 3yr - 3rd Inst.	Individual	15,916	02
Courteau, B. Mathématiques Sherbrooke	Theorie des codes et configurations combinatoires 3ans - 3e vers.	Individuelle	2,380	16
Courtin, G.M. Biology Laurentian	Dynamics of the birch transition community, Sudbury, Ontario 3yr - 3rd Inst.	Individual	6,122	18
Cousens, J.D. Engineering Dalhousie	Modelling of small scale fluidized bed combustor using low-grade fuels 3yr - 3rd Inst.	Individual	10,897	04
Couture, P. INRS-Eau Québec - INRS	Répercussions écologiques de la matière organique dissoute sur le phytoplancton 3ans - 2e vers.	Individuelle	12,720	18
Covvey, H.D.J. Computer Science Toronto	New approaches for computer-based systems -- supporting clinical research 3yr - 1st Inst.	Individual	14,154	07
Cowan, D.D. Computer Science Waterloo	Microcomputer-based distributed local computer systems 3yr - 2nd Inst.	Individual	26,256	07
Cowan, F.B.M. Biology New Brunswick	Mechanisms of ion secretion by the salt gland of Malaclemys 3yr - 2nd Inst.	Individual	9,540	01
Cowan, J.A. Physics Waterloo	Investigation of amorphous films materials for solar cell applications	Individual	4,441	15
Cowie, M. Chemistry Alberta	Small molecule activation by transition metal complexes 3yr - 1st Inst.	Individual	27,037	05
Cox, D.W. Medical Genetics Toronto	Analysis of the genetic region of the immunoglobulin heavy chain 3yr - 1st Inst.	Individual	25,100	02
Cox, R.G. Civ Eng/App Mech McGill	The spreading of a liquid layer on a solid or liquid substrate 3yr - 3rd Inst.	Individual	20,813	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Coxon, J.A. Chemistry Dalhousie	High resolution electronic spectra of diatomic free radicals 3yr - 3rd Inst.	Individual	33,056	05
Cozak, D. Chimie Laval	Etude par RMN de complexes organométalliques paramagnétiques	Individuelle	15,900	05
Craggs, A. Mechanical Eng. Alberta	Finite element applications in acoustics 3yr - 1st Inst.	Individual	19,716	13
Craig, D.A. Entomology Alberta	Biology of diptera 3yr - 3rd Inst.	Individual	12,856	01
Craig, G.B. Metal/Mat. Science Toronto	Wear of metals and alloys	Individual	12,720	04
Craik, F.I.M. Psychology Toronto	Human memory processes 3yr - 3rd Inst.	Individual	55,094	12
Crapo, H.H. Math. Res. Centre Montréal	Combinatorial Theory of Structures 3yr - 1st Inst.	Individual	15,678	16
Craske, B. Psychology Memorial	Investigation of the mechanisms underlying human motor systems 3yr - 2nd Inst.	Individual	23,850	12
Craven, T.C. Library Science Western Ontario	Index display generation from a general concept network	Individual	3,294	07
Crawford, A.M. Civil Engineering Toronto	Equivalent material properties for discontinuous rock masses 3yr - 1st Inst.	Individual	14,840	06
Crawford, B.J. Anatomy British Columbia	Factors controlling morphogenesis in starfish embryos 3yr - 1st Inst.	Individual	15,200	01
Crawford, C. Computer Science York	The numerical solution of matrix Eigenvalue problems	Individual	5,500	07
Crawford, C.B. Psychology Simon Fraser	Experimental studies of inclusive fitness and parental investment 3yr - 2nd Inst.	Individual	7,420	12
Crawford, J.E. Physics McGill	* Refer to J.K.P.Lee(McGill)	Team		22
Crawford, R.G. Comp. & Info. Sc. Queen's	Design and development of document retrieval systems and methodologies 3yr - 1st Inst.	Individual	15,958	07
Crawford, R.J. Chemistry Alberta	Thermal reaction mechanisms of azo/compounds 3yr - 2nd Inst.	Individual	25,440	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Crepault, J. Psychologie Moncton	Genèse des structures cinématiques II 3ans - 3e vers.	Individuelle	9,794	12
Crerar, M.M. Biology York	Studies on the structure, organization, evolution and expression of the rat Amylase Multigene family 3yr - 2nd Inst.	Individual	23,320	02
Crevier, D. Electrical Eng. McGill	The determination of stability regions for electric power systems 3yr - 3rd Inst.	Individual	12,366	11
Crim, L.W. Mar. Sc. Res. Lab Memorial	Neuroendocrine regulation of seasonal reproduction in teleost fishes 3yr - 1st Inst.	Individual	28,665	01
Crocket, J.H. Geology McMaster	Applications of geochemistry to mineral deposit genesis 3yr - 1st Inst.	Individual	40,280	10
Croll, R.P. Psychology Dalhousie	Neural bases of selective motor program expression 3yr - 1st Inst.	Univ. Research Fellow	19,080	01
Cross, G.E. Pure Mathematics Waterloo	N-convex functions in approximation theory 3yr - 3rd Inst.	Individual	2,380	16
Cross, J.D. Electrical Eng. Waterloo	High voltage insulation in electrical energy transmission systems 3yr - 2nd Inst.	Individual	22,154	11
Crossley, D.J. Mining/Metal. Eng. McGill	1) Physics of the earth's interior 2) Exploration geophysics	Individual	13,780	10
Crotogino, R.H. Chemical Eng. McGill	Transport phenomena in pulp washing 3yr - 1st Inst.	Individual	11,024	04
Crowder, A.A. Biology Queen's	Heavy metal uptake by root systems of wetland plants, with and without iron plaques 3yr - 1st Inst.	Individual	11,130	18
Crowe, C.M. Chemical Eng. McMaster	Modelling, simulation and control of chemical processes	Individual	15,370	04
Crowne, D.P. Psychology Waterloo	Brain mechanisms of attention 3yr - 1st Inst.	Individual	12,720	12
Crozier, E.D. Physics Simon Fraser	Structural determinations of disordered systems 3yr - 2nd Inst.	Individual	32,139	15
Cruden, D.M. Geology Alberta	Stability of natural slopes in rock 3yr - 2nd Inst.	Individual	22,790	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Csima, J. Mathematical Sci. McMaster	Stochastic hypergraphs 3yr - 1st Inst.	Individual	4,410	16
Csizmadia, I.G. Chemistry Toronto	Theoretical organic chemistry 3yr - 1st Inst.	Individual	46,640	05
Csörgö, M. Math/Statistics Carleton	Strong approximations in probability and statistics 3yr - 2nd Inst.	Individual	30,618	14
Cuddy, L.L. Psychology Queen's	Auditory pattern recognition 3yr - 1st Inst.	Individual	27,348	12
Cujec, B. Physique Laval	Réactions nucléaires avec les ions lourds	Individuelle	21,200	22
Culik, K. Computer Science Waterloo	Automata and formal languages - theory and applications 3yr - 1st Inst.	Individual	37,958	07
Cullen, A.P. Optometry Waterloo	Optical radiation effects on the eye 3yr - 3rd Inst.	Individual	20,813	21
Cullen, W.R. Chemistry British Columbia	Aspects of coordination chemistry 3yr - 3rd Inst.	Individual	59,991	05
Cumming, B.G. Biology New Brunswick	Plant propagation and the control of growth, organogenesis, and developement	Individual	26,500	03
Cumming, G.L. Physics Alberta	Systematics of PB isotope variations in ores and rocks - crustal seismic reflection and refraction studies 3yr - 3rd Inst.	Individual	35,505	10
Cummings, L.J. P. Math./Com. Opt Waterloo	Linear transformations on symmetry classes of tensors 3yr - 1st Inst.	Individual	9,349	16
Cummins, J.E. Plant Science Western Ontario	* Refer to A.W.Day(Western Ontario) 3yr - 1st Inst.	Team		02
Cunningham, W.H. Math/Statistics Carleton	Combinatorial algorithms 3yr - 1st Inst.	Individual	15,778	07
Curran, J.H. Civil Engineering Toronto	Constitutive equations for porous geologic materials 3yr - 2nd Inst.	Individual	21,730	10
Currie, I.G. Mechanical Eng. Toronto	Research in low speed viscous flows 3yr - 1st Inst.	Individual	28,620	13
Currie, J.F. Génie-physique Ecole Polytechnique	La physique théorique et expérimentale des matériaux amorphes 3ans - 3e vers.	Individuelle	15,903	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Curtis, D.W. Psychology Alberta	Psychophysical studies of vision and taste 3yr - 1st Inst.	Individual	13,886	12
Curtis, M.A. Parasitology McGill	Ecological/experimental parasitology 3yr - 3rd Inst.	Individual	9,183	01
Curzon, A.E. Physics Simon Fraser	Studies in the science of materials 3yr - 1st Inst.	Individual	27,263	15
Curzon, F.L. Physics British Columbia	Laser fusion and applied plasma physics * with B.Ahlborn, A.J.Barnard,J.Meyer,A.K.H.Ng, R.A.Nodwell(B.C.) 3yr - 3rd Inst.	Team	189,767	15
Cushley, R.J. Chemistry Simon Fraser	Dynamic structure of membranes and lipoproteins 3yr - 2nd Inst.	Individual	42,400	02
Cwynar, L.C. Botany Toronto	Paleoecology and dynamics of treeline and climate of Beringia 3yr - 2nd Inst.	Univ. Research Fellow	18,020	18
Cynader, M.S. Psychology Dalhousie	Binocular interaction in cat visual system 3yr - 3rd Inst.	Individual	45,912	12
Cyr, A. Biologie Sherbrooke	Peut-on prédire par la stratégie alimentaire optimale, le comportement alimentaire du carouge à épaulettes pour maximiser l'efficacité d'un traitement par chimiostérilisation 3ans - 2e vers.	Individuelle	10,600	18
Czajkowski, M.A. Physics Windsor	Atomic and molecular collisions at low temperatures 3yr - 2nd Inst.	Individual	12,349	15
Daborn, G.R. Biology Acadia	Planktonic production in estuaries and embayments of the Bay of Fundy 3yr - 1st Inst.	Individual	19,080	18
Dabrowski, A.R. Math/Statistics Calgary	Invariance principles for dependent sequences 3yr - 1st Inst.	Individual	2,650	14
Dagg, I.R. Physics Waterloo	Collision-induced absorption in non-polar gases and gas mixtures in the far infrared and microwave regions 3yr - 2nd Inst.	Individual	15,253	15
Dahl, V. Computer Science Simon Fraser	Logic applied to database systems and to natural language processing	Individual	13,780	07
Dainty, J. Botany Toronto	Plant biophysics 3yr - 3rd Inst.	Individual	51,421	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dalby, F.W. Physics British Columbia	Studies in electronic spectroscopy 3yr - 2nd Inst.	Individual	43,905	15
Dale, J.D. Mechanical Eng. Alberta	Combustion ignition studies and spark ignition engine performance 3yr - 2nd Inst.	Individual	14,522	13
Dale, M.R.T. Botany Alberta	Growth rates and the competition for space in communities of saxicolous lichens 3yr - 1st Inst.	Individual	7,632	18
Dallaire, J.A. Physical Education McGill	Alterations in protein synthesis in response to acute electrical stimulation protocols 3yr - 2nd Inst.	Individual	13,462	01
Dalla Lana, I.G. Chemical Eng. Alberta	1) Catalytic reactions in acid gas processing; 2) Applications of IR spectroscopy to catalysis research; 3) Hydroprocessing of heavy gas oils 3yr - 3rd Inst.	Individual	26,200	04
Dalle, D. Génie électrique Sherbrooke	Caractérisation paramétrique de signaux	Individuelle	8,162	11
Dalrymple, R.W. Geological Sciences Queen's	Sediment dynamics of Cobequid Bay and Sable Island Bank 2yr - 2nd Inst.	Individual	12,720	10
Daly, M. Psychology McMaster	Social and reproductive strategies in rodents 3yr - 2nd Inst.	Individual	21,200	12
D'Amboise, M. Chimie Montréal	Applications de la chromatographie liquide haute performance à l'étude des réactions en solution 3ans - 3e vers.	Individuelle	7,346	05
Danaro, M.B. Computer Science Victoria	Tropospheric dynamics and thermodynamics 3yr - 1st Inst.	Individual	32,860	17
Dancik, B.P. Forest Science Alberta	Mating system and selection components of conifers 3yr - 1st Inst.	Individual	14,840	18
Daneault, C. Pâtes et papiers Qué.-Trois-Riv.	Modification chimique de la cellulose 3ans - 1er vers.	Individuelle	13,780	04
Daneman, M. Psychology Waterloo	The integration processes of reading: Reader and text differences	Individual	5,058	12
Daneman, M. Psychology Toronto	The integration processes of reading: reader and text differences 3yr - 2nd Inst.	Individual	4,800	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
D'Anglejan, B.F. Oceanography McGill	P geochemistry and P-Fe relationships in estuaries	Individual	20,140	10
Daniel, T.E. Business Admin. Alberta	Energy modelling and policy analysis * with H.M.Goldberg(Alberta) 3yr - 2nd Inst.	Team	8,480	20
Daniels, J.M. Physics Toronto	Mössbauer spectroscopy and nuclear orientation applied to the magnetic properties of solids and of surfaces 3yr - 2nd Inst.	Individual	48,887	15
Danyluk, H.T. Mechanical Eng. Saskatchewan	Elastic-plastic and photoelastic analysis 3yr - 3rd Inst.	Individual	11,019	13
Dao, L.H. Chimie Québec - INRS	Biomass thermochemical liquefaction 3ans - 3e vers.	Individuelle	12,733	04
Daoust, H. Chimie Montréal	Etudes physico-chimiques de solutions de macromolécules 3ans - 2e vers.	Individuelle	11,660	05
Darewych, J.G.W. Physics York	1) Aromic scattering theory 2) Quark model of baryon decay 3yr - 1st Inst.	Individual	10,250	15
Das, A.J. Mathematics Simon Fraser	General relativity, unified field theory, quantum mechanics 3yr - 2nd Inst.	Individual	7,261	15
Das, C. Fin. & Manag. Sci. Saskatchewan	Computation of inventory policy parameters 3yr - 1st Inst.	Individual	11,660	20
Das, J.P. CSMR Alberta	The development of planful behaviour and reading ability 3yr - 3rd Inst.	Individual	9,794	12
Das, S.R. Electrical Eng. Ottawa	On microprogrammable and fault-tolerant computing systems 3yr - 1st Inst.	Individual	12,084	11
Das Gupta, S. Physics McGill	Heavy ion reactions 3yr - 1st Inst.	Individual	26,712	15
Dash, A. Math/Statistics Guelph	Joint spectra, numerical range and subharmonicity, complimentarity problems on Banach spaces 3yr - 3rd Inst.	Individual	1,428	16
Dasiewicz, P. Electrical Eng. Waterloo	Architecture of multi-processor systems with applications 3yr - 1st Inst.	Individual	12,614	11
Dassa, C. Sciences éducation Montréal	L'analyse factorielle fixe des données longitudinales: Développement d'un modèle * avec D.Ajar(Montréal) 3ans - 1er vers.	Equipe	6,890	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Datars, W.R. Physics McMaster	Cyclotron resonance in solids 3yr - 1st Inst.	Individual	78,440	15
Daugulis, A.J. Chemical Eng. Queen's	Development, modelling and product recovery from novel ethanol fermentation processes 3yr - 1st Inst.	Individual	14,098	04
Daunt, J.G. Physics Queen's	Sub-millikelvin temperature development and research	Individual	53.042	15
Daunt, S.J. Chemistry Concordia	Studies of transient molecules using laser spectroscopy 2yr - 1st Inst.	Univ. Research Fellow	21,760	05
D'Auria, J.M. Chemistry Simon Fraser	IEP-86 - SFU experimental medium energy program support staff * with K.P.Jackson, R.G.Korteling(Simon Fraser)	Project	58,300	22
D'Auria, J.M. Chemistry Simon Fraser	* Refer to K.P.Jackson(Simon Fraser)	Project		22
D'Auria, J.M. Chemistry Simon Fraser	* Refer to R.G.Korteling(Simon Fraser)	Project		22
D'Auria, J.M. Chemistry Simon Fraser	IEP-102 - Inclusive particle emission in complex intermediate energy reactions * with D.H.Boal, R.G.Korteling,K.P.Jackson(Simon Fraser)	Project	12,600	22
Davar, K.S. Civil Engineering New Brunswick	Hydraulic effects of ice cover on rivers 3yr - 3rd Inst.	Individual	12,856	06
Davenport, A.G. Engineering Western Ontario	The prediction of effects of wind and earthquake loading and their code formulation 3yr - 2nd Inst.	Individual	69.091	06
Davey, K.G. Biology York	Invertebrate endocrinology 3yr - 2nd Inst.	Individual	97,096	01
David, M. Génie minéral Ecole Polytechnique	Développements géostatistiques pour l'inventaire et l'exploitation optimum des réserves 3ans - 1er vers.	Individuelle	39,220	10
David, P.P. Geology Montréal	Study of eolian deposits in Canada 3yr - 2nd Inst.	Individual	7,950	10
Davidson, C.H. Architecture Montréal	Méthodes de compression de thésaurus en vue d'optimiser le repérage de l'information * avec S.Bertrand-Gastaldy(Montréal)	Equipe	11,660	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Davidson, D. Biology McMaster	Factors affecting cell proliferation and growth in root meristems 3yr - 2nd Inst.	Individual	26,500	02
Davidson, G.A. Mechanical Eng. Waterloo	Problems in atmospheric dispersion, planetary boundary layer modelling, and aerosol dynamics 3yr - 2nd Inst.	Individual	19,642	13
Davidson, K.R. Pure Mathematics Waterloo	Compact perturbations of operators on Hilbert space 3yr - 2nd Inst.	Individual	5,648	16
Davidson, W.S. Biochemistry Memorial	Isolation and sequence determination of the E. coli genes encoding enolase and triose-phosphate isomerase 3yr - 1st Inst.	Individual	21,200	02
Davidson-Arnott, R.G.D. Geography Guelph	Beach and nearshore processes - erosion and sedimentation 3yr - 2nd Inst.	Individual	19,610	10
Davies, D.J.M. Computer Science Western Ontario	Experiments with computer message systems; user services, and system protocols 3yr - 1st Inst.	Individual	9,409	07
Davies, D.M. Biology McMaster	Factors influencing biology of bloodsucking flies and other economically important insects 3yr - 2nd Inst.	Individual	36,570	01
Davies, H.G. Mechanical Eng. New Brunswick	Random vibration analysis of complicated systems 3yr - 2nd Inst.	Individual	24,221	13
Davies, J.A. Eng. Physics McMaster	Ion implantation, channeling and their applications 3yr - 2nd Inst.	Individual	9,148	15
Davies, J.A. Geography McMaster	Aerosol effects on radiation 3yr - 3rd Inst.	Individual	24,486	17
Davies, R.W. Biology Calgary	Leech/chironomid community interactions 3yr - 3rd Inst.	Individual	34,280	18
D'Avignon, G.R. Opér./syst. de déc Laval	Méthodologie pour la formulation de critères d'evaluation	Individuelle	8,480	20
Davis, A.M. Geography Toronto	Chronology and paleoecology of peatlands in Newfoundland	Individual	10,600	10
Davis, C.C. Biology Memorial	Investigations in aquatic ecology and related subjects 3yr - 1st Inst.	Individual	6,360	18
Davis, D.W. Geology Toronto	Zircon geochronology applied to Archean crustal evolution 3yr - 2nd Inst.	Univ. Research Fellow	10,600	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Davis, E. Civil Engineering Saskatchewan	Low temperature water treatment evaluation 3yr - 1st Inst.	Individual	15,370	06
Davis, H. Psychology Guelph	Autocontingencies: Counting behavior in animals 3yr - 1st Inst.	Individual	13,250	12
Davis, H.C. Mathematics Toronto	Operator theory and applications in numerical analysis and linear systems 3yr - 2nd Inst.	Individual	18,825	16
Davis, J.H. Math/Statistics Queen's	Studies in control theory 3yr - 2nd Inst.	Individual	8,472	16
Davis, J.H. Physics Guelph	Membrane molecular dynamics and phase equilibria 2yr - 1st Inst.	Univ. Research Fellow	19,610	02
Davis, W.A. Computer Science Alberta	Digital techniques in image processing 3yr - 1st Inst.	Individual	22,808	07
Davison, A.J. Kinesiology Simon Fraser	Cellular mechanisms of oxygen toxicity 3yr - 2nd Inst.	Individual	9,540	02
Davison, E.J. Electrical Eng. Toronto	Large scale control system theory 3yr - 1st Inst.	Individual	61,586	11
Davison, J.L. Mathematics Laurentian	Computer algorithms in number theory and group theory 3yr - 1st Inst.	Individual	1,470	16
Davison, N.E. Physics Manitoba	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
Davison, N.E. Physics Manitoba	Direct reactions induced by neutrons	Individual	33,920	22
Davison, S.G. Applied Math. Waterloo	Quantum chemistry of crystal surfaces 3yr - 1st Inst.	Individual	17,139	05
Davison, T.M.K. Mathematical Sci. McMaster	Functional equations arising in algebra 3yr - 2nd Inst.	Individual	1,412	16
Dawe, J.L. Civil Engineering New Brunswick	Mechanical properties of steel above the yield level and their effects on local buckling 3yr - 3rd Inst.	Individual	12,243	06
Dawes, A.M. Mathematics Western Ontario	Complexity of logical and combinatorial problems 3yr - 2nd Inst.	Individual	1,412	16
Dawson, D.A. Math/Statistics Carleton	Distributed and interacting Markov systems 3yr - 2nd Inst.	Individual	30,618	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dawson, G.E. Electrical Eng. Queen's	Homopolar linear synchronous motor performance and control 3yr - 2nd Inst.	Individual	12,402	11
Dawson, P.T. Chemistry McMaster	Surface chemistry of metals and alloys; gas-metal reactions 3yr - 2nd Inst.	Individual	9,540	05
Dawson, W.K. Physics Alberta	* Refer to D.M.Sheppard(Alberta)	Team		22
Day, A.W. Plant Science Western Ontario	Biology and genetics of smut fungi and their interactions with host plants * with J.E.Cummins(Western Ontario) 3yr - 1st Inst.	Team	39,220	02
Day, R.A. Mathematical Sci. Lakehead	Modular lattices in algebra and geometry 3yr - 1st Inst.	Individual	16,738	16
Day, R.L. Civil Engineering Calgary	Recognition, prediction and solution of durability problems in concrete 3yr - 1st Inst.	Univ. Research Fellow	13,780	06
Day, W.H.E. Computer Science Memorial	Comparing classifications using measures of consensus and distance 3yr - 1st Inst.	Individual	8,500	07
Daynard, T.B. Crop Science Guelph	Influences of soil environment on pre-floral development of maize 3yr - 3rd Inst.	Individual	17,140	03
Dealy, J.M. Chemical Eng. McGill	Polymer melt rheology and plastics processing 3yr - 3rd Inst.	Individual	21,303	04
Dean, P.A.W. Chemistry Western Ontario	Coordination chemistry of metal ions in salts of strong acids 3yr - 2nd Inst.	Individual	19,080	05
Deb, A. Computer Science Memorial	Parallel memory accessing of complex matrix structures	Individual	9,208	07
Debanné, J.G. Méth. quant. gest. Ottawa	Multi-ingredient, multi-commodity supply/distribution and plant location model 3ans - 1er vers.	Individuelle	10,000	20
De Broissia, M. Génie chimique Sherbrooke	Mouvement des nappes d'huile et déversement de gaz naturel liquéfié 3ans - 2e vers.	Individuelle	13,462	04
De Bruin, H. Elec. & Comp. Eng. McMaster	Electromyographic and evoked potential signal processing and analysis strategies	Individual	11,554	11
DeCatanzaro, D.A. Psychology McMaster	Aggression and reproductive success/ biology of self-damaging behavior 3yr - 3rd Inst.	Univ. Research Fellow	14,692	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Deckker, B.E.L. Mechanical Eng. Saskatchewan	High speed steady and unsteady flows 3yr - 1st Inst.	Individual	29,150	13
Decoste, R. INRS - Energie Québec - INRS	* Chercheur principal H.Pépin(INRS-Québec) 3ans - 2e vers.	Equipe		15
DeDourek, J.M. Computer Science New Brunswick	Investigation of program creation using high speed CRT terminals * with D.M.Fellows(New Brunswick)	Team	12,466	07
De Jong, E. Soil Science Saskatchewan	Seasonal variations in soil physical properties 3yr - 1st Inst.	Individual	26,753	03
De Jong, P. Management Sciences British Columbia	Topics in applied state-space modelling 3yr - 1st Inst.	Individual	6,443	14
De Kee, D.C.R. Chemical Eng. Windsor	Rheology of viscoelastic materials 3yr - 3rd Inst.	Individual	13,957	04
De Koninck, J. Psychologie Ottawa	L'ontogénèse de l'activité posturale durant le sommeil chez l'humain 3ans - 2e vers.	Individuelle	5,300	12
De Koninck, J.M. Mathématiques Laval	Le comportement asymptotique de certaines fonctions arithmétiques 3ans - 2e vers.	Individuelle	4,236	16
De Krasinski, J.S. Mechanical Eng. Calgary	1) Radial diffuser in supersonics; 2) Numerical modelling of snow drifting with intercrystal forces including aerodynamics of bluff bodies on the ground; 3) Final project of an atmospheric wind tunnel with temperature gradient; 4) Shock wave and acoustic attenuation in liquid foams 3yr - 3rd Inst.	Individual	14,692	13
Dekster, B.V. Mathematics Toronto	Relations of gauss-bonnet type 3yr - 1st Inst.	Individual	5,880	16
De la Noüe, J. Biologie Laval	Système intégré de traitement biologique des eaux usées 3ans - 3e vers.	Individuelle	9,183	01
De Lasa, H.I. Chemical Eng. Western Ontario	Chemical reactor technology. Application to energy and petrochemical industry 3yr - 3rd Inst.	Individual	12,733	04
DeLaurier, J.D. Aerospace Studies Toronto	Flight dynamics of modern airships 3yr - 3rd Inst.	Individual	13,467	13
Del Bianco, W. Physique Montréal	* Voir S.Manaro(Montréal)	Equipe		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Delfour, M.C. Centre de rech math Montréal	Représentation et commande des systèmes à retard et aux dérivées partielles 3ans - 1er vers.	Individuelle	24,498	16
Delisle, C.A. Physique Laval	Cohérence et métrologie 3ans - 2e vers.	Individuelle	22,514	15
Delisle, G.Y. Génie électrique Laval	Traitement du signal à l'aide de réseaux d'antennes 3ans - 2e vers.	Individuelle	17,914	11
Della Torre, E. Electrical Eng. Windsor	Design of magnetic bubble memories	Individual	11,766	11
Delmas-Patterson, G. Chimie Québec-Montréal	Thermodynamique des solutions de macromolécules et petites molécules non polaires 3ans - 1er vers.	Individuelle	25,089	05
Delorme, C.B. Anat./phys. animales Montréal	The effect of cellulose and pectin on protein utilization and nitrogen excretion patterns in rats 3ans - 1er vers.	Individuelle	8,896	01
De Malherbe, M.C. Mech. & Aeronaut. Carleton	Problems related to optimization of processes. Formability of metal powders 3yr - 2nd Inst.	Individual	31,111	13
DeMan, J.M. Food Science Guelph	Microstructure and texture of foods 3yr - 1st Inst.	Individual	46,830	03
De Mayo, P. Chemistry Western Ontario	Organic photochemistry 3yr - 2nd Inst.	Individual	87,980	05
De Medicis, E. Biochimie Sherbrooke	Etude des kinases chez halcbacterium cutirubrum 3ans - 2e vers.	Individuelle	10,600	02
Demers, S.H. Physique Montréal	Galaxies naines à l'intérieur et à l'extérieur du groupe local 3ans - 1er vers.	Individuelle	15,370	17
Demopoulos, G.P. Mining/Metal. Eng. McGill	Non-conventional uranium and base metal extraction technology 3yr - 1st Inst.	Univ. Research Fellow	20,100	04
De Mori, R. Computer Science Concordia	Computer speech understanding systems	Individual	31,800	07
Dempster, M.A.H. Math,Stat&Comp Sc Dalhousie	Optimization theory, algorithms and applications software	Individual	21,974	07
Dempster, R.T. Eng./Applied Sci. Memorial	Industrial and engineering development associated with offshore activities in Eastern Canada 3yr - 1st Inst.	Individual	11,660	20

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Denariez-Roberge, M.M. Physique Laval	Effets non linéaire en spectroscopie et en ingénierie laser 3ans - 2e vers.	Individuelle	16,494	15
Denford, K.E. Botany Alberta	Chemosystematic studies of vascular plants with special reference to their biochemical adaptation and the role of historical factors in their evolution 3yr - 3rd Inst.	Individual	18,365	03
Dengler, N.G. Botany Toronto	Cell division and cell enlargment during leaf development 3yr - 3rd Inst.	Individual	13,712	03
Den Heyer, K.C.D. Psychology St. F. Xavier	On the nature of two-factor models of semantic priming 3yr - 2nd Inst.	Individual	6,360	12
Denis, H. Génie industriel Ecole Polytechnique	Organisation matricielle et gestion de projets d'ingénierie 2ans - 1er vers.	Individuelle	9,010	20
Dennis, D.T. Biology Queen's	The regulation and compartmentation of metabolic pathways in plants 3yr - 1st Inst.	Individual	57,770	03
Dennis, S.C.R. Applied Math. Western Ontario	Numerical solutions of the Navier-Stokes equations 3yr - 3rd Inst.	Individual	27,490	16
Denzel, G.E. Mathematics York	* Refer to C.K.Hruska(York) 3yr - 1st Inst.	Team		11
Deo, C.M. Mathematics Ottawa	Limit theorems in probability and mathematical statistics 3yr - 3rd Inst.	Individual	19,381	14
Depommier, P.H.M. Physique Montréal	* Voir M.D.Hasinoff(British Columbia)	Projet		22
Depommier, P.H.M. Physique Montréal	* Voir D.A.Bryman(Victoria)	Projet		22
Depommier, P.H.M. Physique Montréal	IEP-53 - Muon-Electron conversion * avec J.P.Martin(Montréal)	Projet	79,500	22
Depommier, P.H.M. Physique Montréal	IEP-53 - Muon-Electron conversion * avec J.P.Martin(Montréal)	Projet	21,000	22
Depommier, P.H.M. Physique Montréal	* Voir H.Jeremie(Montréal)	Equipe		22
Derbyshire, J.B. Vet. Micro./Immun. Guelph	Stimulation of NK cell activity in the newborn piglet 3yr - 1st Inst.	Individual	42,502	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Derenyi, E.E. Surveying Eng New Brunswick	Geometry of remote sensing systems 3yr - 3rd Inst.	Individual	15,916	06
Derome, J.F. Meteorology McGill	Dynamics of planetary waves 3yr - 3rd Inst.	Individual	26,935	17
Derzko, N.A. Mathematics Toronto	Optimization in Management Science and Economics 3yr - 1st Inst.	Individual	2,450	16
Desai, R.C. Physics Toronto	Statistical physics of condensed matter 3yr - 1st Inst.	Individual	27,528	15
De Santis, R.M. Génie électrique Ecole Polytechnique	Sensibilité, stabilité et commande optimale des processus industriels 3ans - 2e vers.	Individuelle	19,610	11
Deshaies, Y. Nutrition Laval	Diet, exercise and lipoprotein metabolism 3yr - 1st Inst.	Individual	8,896	01
Desjardins, R. Génie civil Ecole Polytechnique	Efficacité des dépôts de CaCO3 pour la protection des conduites d'alimentation en eau 3ans - 3e vers.	Individuelle	9,183	06
Deslauriers, G. Mathématiques appl. Ecole Polytechnique	Modèles d'agrégats aléatoires dans le plan 3ans - 2e vers.	Individuelle	1,749	14
Deslauriers, N. Biochimie Laval	The secretory immune activity of the oral mucosa in the mouse	Individuelle	16,960	02
Deslongchamps, P. Chimie Sherbrooke	Synthese organique et etude du controle stereoelectronique 3ans - 2e vers.	Individuelle	89,040	05
Desnoyers, J.E. Chimie Sherbrooke	Chimie physique des solutions colloïdales 3ans - 3e vers.	Individuelle	45,299	05
Desrochers, A. Psychologie Ottawa	Le rôle de la mémoire dans les activités cognitives 3ans - 2e vers.	Chercheur-boursier univ.	13,780	12
Desrochers, M. Microbiology Montréal	Optimization of xylanase production for industrial applications 3yr - 2nd Inst.	Individual	13,780	02
Desser, S.S. Zoology Toronto	Studies on the life cycles, physiology, pathology and ultrastructure of protozoan parasites 3yr - 2nd Inst.	Individual	27,560	01
Destry, J. Physique Montréal	Transport électronique dans les métaux et semiconducteurs amorphes en fonction de la composition, la température et la pression	Individuelle	7,420	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
De Takacsy, N.B. Physics McGill	Studies in nuclear structure and nuclear reactions 3yr - 1st Inst.	Individual	24,391	15
Detellier, C. Chimie Ottawa	Interaction de cations métalliques avec des biomolécules	Individuelle	19,080	05
Deutsch, E.R. Physics Memorial	Rock magnetism and geological structure in the Newfoundland region 3yr - 2nd Inst.	Individual	18,020	10
Deutsch-McLeish, M.E. Comp. & Info. Sc. Guelph	Security of statistical databases / Network problems and statistical database models	Individual	10,727	07
Devitt, J.S. Mathematical Sci. Lethbridge	Algebraic methods in enumeration 3yr - 2nd Inst.	Individual	1,412	16
Devoe, I.W. Micro/Immunology McGill	1) Bacterial cell division and osmoregulation 2) Pili regulation and biosynthesis 3yr - 3rd Inst.	Individual	4,274	02
Devroye, L. Computer Science McGill	Applications of probability theory in the design and analysis of algorithms 3yr - 1st Inst.	Individual	19,479	07
Dewan, S.B. Electrical Eng. Toronto	Solid state power conversion and control 3yr - 2nd Inst.	Individual	45,887	11
Dewdney, A.K. Computer Science Western Ontario	Combinatorial algorithms 3yr - 3rd Inst.	Individual	15,304	07
Dewey, J.M. Physics Victoria	Photogrammetry of shock and blast waves 3yr - 2nd Inst.	Individual	27,825	13
Dey, S.K. Electrical Eng. Saskatchewan	Investigations of R/F sputtered amorphous silicon and antireflection coating materials	Individual	10,812	11
Dhaliwal, R.S. Math/Statistics Calgary	Mixed boundary value problems of elasticity	Individual	11,759	16
Dhatt, G. Génie civil Laval	Applications de la méthode des éléments finis aux problèmes de la mécanique appliquée 3ans - 3e vers.	Individuelle	22,037	06
Dhillon, B.S. Mechanical Eng. Ottawa	System reliability evaluation and applications 3yr - 1st Inst.	Individual	18,020	20
Diamond, A.L. Psychology Simon Fraser	New phenomena and possible mechanisms in the steady-state evoked potential 3yr - 3rd Inst.	Individual	7,346	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Di Battista, D. Psychology Concordia	Effects of inhibitors of gluconeogenesis and fatty acid oxidation on feeding behaviour of the golden hamster 3yr - 2nd Inst.	Individual	5,001	12
Di Battista, D. Psychology Waterloo	Effects of inhibitors of gluconeogenesis and fatty acid oxidation on feeding behaviour of the golden hamster	Individual	1,889	12
Dick, T.A. Zoology Manitoba	Host-parasite interaction, genetics, speciation and phylogeny, behavioural modification due to parasitism and population studies with Trichinella spiralis and Triaenophorus crassus 3yr - 1st Inst.	Individual	22,734	01
Dickie, L.M. Oceanography Dalhousie	The ecological basis for fisheries management 3yr - 1st Inst.	Individual	10,600	18
Dickinson, E.J. Mechanical Eng. Laval	Design, development and applications of variable speed vertical axis wind turbines 3yr - 2nd Inst.	Individual	13,939	13
Dickinson, J.R. Electrical Eng. Western Ontario	An energy systems simulator using partitioning	Individual	10,070	04
Dickinson, S.M. Mechanical Eng. Western Ontario	Buckling and vibrational response of structural elements and structures 3yr - 2nd Inst.	Individual	17,861	13
Dickinson, W.T. Engineering Guelph	Changes in hydrologic regime 3yr - 1st Inst.	Individual	18,550	10
Dickman, M.D. Biolog. Sciences Brock	Estimating the rate of lake acidification from diatom stratigraphy and diatom inferred pH 3yr - 1st Inst.	Individual	9,010	18
Dickson, J.I. Génie métall. Ecole Polytechnique	Etudes de la ténacité et de la rupture par fatigue, fatigue-corrosion et corrosion sous tension des matériaux 3ans - 1er vers.	Individuelle	20,458	04
Dickson, J.M. Chemical Eng. McMaster	Reverse osmosis transport with strong solute-membrane affinity 3yr - 1st Inst.	Individual	13,780	04
DiCosmo, F. Botany Toronto	Regulation of secondary metabolism in plant tissue culture by fungal glycoproteins 3yr - 1st Inst.	Univ. Research Fellow	10,600	02
Dignam, M.J. Chemistry Toronto	Physical chemistry of surfaces 3yr - 3rd Inst.	Individual	43,463	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dilger, W.H. Civil Engineering Calgary	Partial prestressing, Crack width, Time-dependent and temperature effects, Collapse mechanisms of cable-stayed bridges, Punching shear, Effective slab width 3yr - 1st Inst.	Individual	60,420	06
Dill, L.M. Biolog. Sciences Simon Fraser	The influence of risk of predation on optimal diet of animals 3yr - 3rd Inst.	Individual	36,729	18
Di Lollo, V. Psychology Alberta	Initial stages of visual information processing 3yr - 2nd Inst.	Individual	36,570	12
DiMaio, J. Clinical Res. Inst Montréal	Synthesis and pharmacology of three families of opiates: pentacyclic morphinans, bridged 2-aminotetralins, and oripavines	Individual	15,900	05
Dimoff, K. INRS - Energie Québec - INRS	Plasma applications 3yr - 3rd Inst.	Individual	17,458	15
Dimopoulos, N. Electrical Eng. Concordia	Implementation and study of the homogeneous multiprocessor and its associated local network 3yr - 1st Inst.	Individual	11,342	11
Dimroth, E. Sc. appliquées Québec-Chicoutimi	1) Volcanologie physique et sédimentologie d'une ceinture volcano-sédimentaire Archéenne 2) Evolution magmato-tectonique de la Province Grenville au Saguenay-Lac-St-Jean 3ans - 2e vers.	Individuelle	21,200	10
Dingle, A.D. Biology McMaster	Coordination of development and function of basal bodies, cilia, and striated rootlet fibres 3yr - 2nd Inst.	Individual	21,200	02
Dion, J.G. Math/informatique Sherbrooke	Prise de décision sous critères multiples 3ans - 3e vers.	Individuelle	1,428	16
Dion, J.L. Ingénierie Qué.-Trois-Riv.	Imagerie ultrasonore avec convertisseur à cristal liquide 3ans - 3e vers.	Individuelle	12,366	11
Dion, J.P. Mathématiques Québec-Montréal	Inférence dans les processus de ramification avec application à la biologie 3ans - 3e vers.	Individuelle	3,391	14
Dion, P. Phytologie Laval	Etudes sur la transformation des cellules végétales par Agrobacterium tumefaciens 3ans - 3e vers.	Individuelle	12,243	02
Dionne, J. Géographie Laval	Evolution des rives du Saint-Laurent: estuaire et golfe (secteur du Québec) 2ans - 2e vers.	Individuelle	8,480	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dionne, L. Math/Statistics Memorial	1) Variance of the coefficient of genetic differentiation 2) Nonparametric estimation 3yr - 2nd Inst.	Individual	5,088	14
Diosady, L.L. Chemical Eng. Toronto	Development of a canola extraction process	Individual	12,190	04
Distin, P.A. Mining/Metal. Eng. McGill	Metal precipitation from loaded organic extractants by reaction with hydrogen 3yr - 1st Inst.	Individual	15,370	04
Ditzian, Z. Mathematics Alberta	Rate of approximation and function spaces 3yr - 1st Inst.	Individual	15,678	16
Dixon, A.E. Physics Waterloo	Study of the electronic properties of semiconductors	Individual	8,130	15
Dixon, G.D. Biology Waterloo	Biotic modifying factors of toxicant impact on fish: diet composition 3yr - 2nd Inst.	Individual	15,900	01
Dixon, J.D. Mathematics Carleton	Group theory and algorithmic problems in algebra 3yr - 2nd Inst.	Individual	14,946	16
Dixon, J.M. Geological Sciences Queen's	Centrifuge model and field studies in tectonics, and geotectonics of the Pacific basin and its margins	Individual	19,610	10
Dixon, K.R. Chemistry Victoria	Studies in platinum and palladium chemistry 3yr - 3rd Inst.	Individual	22,037	05
Dixon, O.A. Geology Ottawa	Ordovician-devonian invertebrate fossils and sedimentary facies 3yr - 1st Inst.	Individual	19,080	10
Dixon, P. Psychology Alberta	Reading and following procedural directions 3yr - 2nd Inst.	Individual	13,356	12
Dixon, P.S. Fin. & Manag. Sci. Saint Mary's	Heuristic methods for multi-stage production systems 3yr - 2nd Inst.	Individual	5,830	20
Djokovic, D. Pure Mathematics Waterloo	Topics in group theory 3yr - 2nd Inst.	Individual	10,600	16
Dlab, V. Mathematics Carleton	1) Representation theory of associative algebras and applications 2) Structure theory of artin rings 3) Categories of dependence structures 3yr - 3rd Inst.	Individual	23,801	16
Dmitrevsky, S. Electrical Eng. Toronto	Measurement of reflectivity of wet pavements 3yr - 1st Inst.	Individual	9,116	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dmitrienko, G.I. Chemistry Waterloo	New approaches to the synthesis of biologically active heterocyclic compounds 2yr - 1st Inst.	Individual	26,500	05
Do, X.D. Gènie électrique Ecole Polytechnique	Etude des réseaux de transport d'énergie au moyen des méthodes numériques et du simulateur 3ans - 1er vers.	Individuelle	13,038	11
Dobos, P. Microbiology Guelph	Replication of infectious pancreatic necrosis virus of trout 3yr - 1st Inst.	Individual	40,280	02
Dodd, P.W.D. Psychology Saint Mary's	Discrimination and reporting of response-reinforcer contingencies in humans 3yr - 1st Inst.	Individual	6,890	12
Dodas, D.E. Electrical Eng. Saskatchewan	Digital voice coding and transmission 3yr - 1st Inst.	Individual	13,992	11
Dodelet, J.P. INRS - Energie Québec - INRS	Cellules photovoltaïques à base de pigments photosynthétiques et de synthèse 2ans - 2e vers.	Individuelle	15,900	05
Dodson, J.J. Biology Laval	Variation in energy partitioning as the functional basis of alternative migratory and reproductive strategies in the anadromous coregonine fish of James Bay 3yr - 2nd Inst.	Individual	27,560	18
Dodwell, P.C. Psychology Queen's	Pattern recognition and perceptual development * with D.W.Muir(Queen's) 3yr - 2nd Inst.	Team	62,964	12
Doedel, E.J. Computer Science Concordia	Numerical bifurcation analysis of dynamical systems 3yr - 1st Inst.	Individual	16,998	07
Doehring, D.G. McGill	Use of orthographic and phonological codes in reading acquisition 3yr - 2nd Inst.	Individual	18,020	12
Dohaney, W.J. Civil Engineering New Brunswick	1) Effect of VERGLIMIT on reinforced concrete bridge decks. 2) Evaluation of the sand equivalent test procedure and test results 3yr - 3rd Inst.	Individual	8,570	06
Doig, R. Geological Sciences McGill	Geological applications of isotopic analyses, seismic hazard 3yr - 1st Inst.	Individual	25,440	10
Doige, A.G. Mechanical Eng. Calgary	Pulsation analysis and testing of fluid flow systems 3yr - 1st Inst.	Individual	17,914	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Doige, C.E. Veter. Pathol. Saskatchewan	Pathological studies of skeletal diseases in domestic animals 3yr - 3rd Inst.	Individual	12,856	01
Dokainish, M.A. Mechanical Eng. McMaster	1) Continuum mechanics 2) Vehicle dynamics 3yr - 1st Inst.	Individual	36,464	13
Dolphin, D.H. Chemistry British Columbia	The organic and inorganic chemistry of living systems	Individual	45,580	05
Domaschuk, L. Civil Engineering Manitoba	* Principal investigator D.H.Shields(Manitoba) 3yr - 3rd Inst.	Team		06
Domier, K.W. Agricult. Eng. Alberta	Energy requirements for pneumatic transport of granular fertilizer	Individual	8,480	13
Dommel, H.W. Electrical Eng. British Columbia	Electromagnetic transients in power systems 3yr - 2nd Inst.	Individual	18,020	11
Donald, M.W. Psychology Queen's	Electrophysiological studies of attention in the human brain 3yr - 2nd Inst.	Individual	21,518	12
Donaldson, J.A. Geology Carleton	Comparative studies of Precambrian sedimentary rocks 3yr - 1st Inst.	Individual	13,250	10
Donaldson, R.W. Electrical Eng. British Columbia	Information processing and transmission	Individual	24,380	11
Donderi, D.C. Psychology McGill	Tests of a theory of visual learning and memory 3yr - 3rd Inst.	Individual	16,406	12
Dong, R.Y.Y. Physics/Astronomy Brandon	Studies of phase transitions in liquid crystals and molecular solids 3yr - 2nd Inst.	Individual	28,260	15
Donnay, G. Geological Sciences McGill	Relation of physical and chemical properties to crystal structure 3yr - 2nd Inst.	Individual	39,220	10
Donner, A. Stat. & Actuar. Sc Western Ontario	Significance-testing of familial correlations 3yr - 1st Inst.	Individual	15,063	14
Doob, M. Mathematics Manitoba	1) Eigenvalues of graphs 2) Magic graphs 3) Initiation of tex 3yr - 1st Inst.	Individual	9,819	16
Doolittle, W.F. Biochemistry Dalhousie	Eukaryotic 5S and 5.8S ribosomal ribonucleic acids 3yr - 2nd Inst.	Individual	15,900	02
Doraiswami, R. Electrical Eng. New Brunswick	Design of digital controllers for multivariable servomechanism problems	Individual	16,960	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dore, F.Y. Psychologie Laval	Habituation et conditionnement temporel chez les vertébrés 3ans - 1er vers.	Individuelle	10,600	12
Doré, R. Génie mécanique Ecole Polytechnique	* Voir G.Drouin(Ecole Polytechnique) 3ans - 1er vers.	Equipe		13
Dorlot, J.M. Génie métall. Ecole Polytechnique	* Voir G.Drouin(Ecole Polytechnique) 3ans - 1er vers.	Equipe		13
Dosso, H.W. Physics Victoria	Geomagnetic variations and electromagnetic modelling 3yr - 1st Inst.	Individual	23,320	10
Dost, S. Mechanical Eng. Calgary	Propagation of acceleration waves; variational methods in nonlinear theories 3yr - 2nd Inst.	Individual	11,872	13
Dostal, J. Geology Saint Mary's	Geochemical studies of non-orogenic volcanic rocks	Individual	23,320	10
Douglas, P.L. Chemical Eng. Queen's	Simulation of industrial aerosol control devices 2yr - 2nd Inst.	Individual	10,176	04
Douglas, R.M. Physiology McGill	Neural basis of adaptation in the oculomotor system 3yr - 3rd Inst.	Univ. Research Fellow	14,692	12
Douglas, R.R. Mathematics British Columbia	Rational homotopy theory / Multivariate data analysis / Neurophysiology 3yr - 1st Inst.	Individual	8,819	16
Douglas, W.J.M. Chemical Eng. McGill	Transport phenomena in impinging jets and contacting processes 3yr - 2nd Inst.	Individual	37,524	04
Dove, J.E. Chemistry Toronto	Dynamics of molecular energy transfer and chemical reactions	Individual	18,020	05
Dow, A.S. Mathematics Toronto	Filters and boolean algebras in topology 3yr - 1st Inst.	Univ. Research Fellow	3,180	16
Downe, A.E.R. Biology Queen's	Feeding and mating in haematophagous insects 3yr - 1st Inst.	Individual	48,760	18
Downer, R.G.H. Biology Waterloo	Regulation of metabolism in insects 3yr - 1st Inst.	Individual	53,000	01
Downes, J.A. Entomology Macdonald Coll.	Systematics, bionomics and evolution of primitive Diptera, especially Ceratopogonidae 3yr - 1st Inst.	Individual	6,890	01
Downey, B.R. Animal Science Macdonald Coll.	Reproductive tract immunity to semen antigens in animals 3yr - 1st Inst.	Individual	13,838	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Downie, J. Chemical Eng. Queen's	Catalysis, kinetics, and statistical design 3yr - 3rd Inst.	Individual	13,957	04
Downing, J.A. Biology Montréal	The ecological correlates of spatial aggregation 3yr - 2nd Inst.	Univ. Research Fellow	21,200	18
Dowsett, J.A. Biology Winnipeg	* Refer to J.Reid(Manitoba) 3yr - 1st Inst.	Team		03
Doyle, M.S. Computer Science Manitoba	Computer systems architecture, modelling, and performance 3yr - 3rd Inst.	Individual	15,916	07
Doyle, R.W. Biology Dalhousie	Ecological genetics of aquatic organisms 3yr - 1st Inst.	Individual	57,240	18
Drake, G.W.F. Physics Windsor	Theoretical studies of electron-atom and atom-atom interactions and related radiative processes 3yr - 3rd Inst.	Individual	36,080	15
Drake, J.E. Chemistry Windsor	Spectroscopic and synthetic studies of main group organometalloids and hydrides 3yr - 3rd Inst.	Individual	40,402	05
Drake, J.J. Geography McMaster	Long-term significance of present geomorphic and hydrologic process rates 2yr - 2nd Inst.	Individual	16,049	10
Drake, T.E. Physics Toronto	IEP-61 - Proton-Nucleus interaction * with R.E.Azuma, J.D.King,S.S.M.Wong(Toronto)	Project	36,750	22
Drake, T.E. Physics Toronto	* Refer to Y.M.Shin(Saskatchewan)	Project		22
Drake, T.E. Physics Toronto	* Refer to R.E.Azuma(Toronto)	Project		22
Drake, T.E. Physics Toronto	Neutron radii, electron scattering and radiative captive studies of sd shell nuclei; Photon induced fission of 232TH and 238U.	Individual	42,400	22
Drapeau, A.J. Génie civil Ecole Polytechnique	Application du champ magnétique à la filtration des eaux 3ans - 3e vers.	Individuelle	14,692	06
Draper, H.H. Nutrition Guelph	Nutrition and bone metabolism 3yr - 2nd Inst.	Individual	42,718	01
Dreimanis, A. Geology Western Ontario	Origin of glacigenic deposits and stratigraphy of last glaciation in south eastern Canada	Individual	33,920	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dresler, W. Engineering Laurentian	Decarburization of ferro-chrome-nickel master alloys 3yr - 1st Inst.	Individual	13,033	04
Driedzic, W.R. Biology Mount Allison	Energy metabolism in fish white muscle 3yr - 3rd Inst.	Individual	17,753	01
Droste, R.L. Civil Engineering Ottawa	Modelling pollutant removal in stormwater runoff and anaerobic sludge digestion 3yr - 2nd Inst.	Individual	15,900	06
Drouet, M.G. INRS - Energie Québec - INRS	Etude de l'arc dans l'appareillage électrique 3ans - 2e vers.	Individuelle	9,943	15
Drouhard, J.P.F. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Drouin, G. Mécanique Ecole Polytechnique	Caractérisation des tissus biologiques et conception d'appareils médicaux * avec R.Doré,J-M.Dorlot,G.McIntyre, P.S.Thiry(Ecole Polytechnique) 3ans - 1er vers.	Equipe	78,016	13
Druehl, L.D. Biolog. Sciences Simon Fraser	Ecology of benthic marine plants in the northeast Pacific 3yr - 3rd Inst.	Individual	18,365	18
Drummond, J.R. Physics Toronto	Measurements of minor constituents of the atmosphere	Individual	23,850	17
Drury, S.W. Mathematics McGill	Harmonic analysis and related topics 3yr - 1st Inst.	Individual	8,819	16
Dryden, J.R. Materials Sci. Western Ontario	Modelling of plastic deformation in two-phase materials 3yr - 2nd Inst.	Individual	12,296	04
Drysdale, R.G. Civ Eng/Eng Mech McMaster	Behaviour of masonry and reinforced concrete 3yr - 1st Inst.	Individual	31,800	06
Dubey, R.N. Mechanical Eng. Waterloo	Application of plasticity theory, metal cutting, dynamic analysis 3yr - 1st Inst.	Individual	17,490	13
Dubois, E. INRS-Télécomm. Québec - INRS	Source coding of images 3yr - 1st Inst.	Individual	16,006	11
Dubois, J. Math/informatique Sherbrooke	Le problème de Cauchy dans les espaces de Banach 3ans - 2e vers.	Individuelle	3,294	16
Dubois, J.G. Centre de rech math Montréal	Catastrophes et morphologies 3ans - 3e vers.	Individuelle	3,333	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dubuc, S. Math/statistiques Montréal	Analyse numérique conveze 3ans - 3e vers.	Individuelle	12,649	16
Dubuc-Lebreux, M.A. Biologie Québec-Montréal	* Chercheur principal J.Vieth(Montréal) 3ans - 2e vers.	Equipe		03
Ducharme, R. Psychologie Montréal	L'effort physique, l'activité mentale et le rythme cardiaque 3ans - 1er vers.	Individuelle	5,300	12
Duckworth, H.E. Physics Manitoba	* Refer to R.C.Barber(Manitoba)	Team		22
Duckworth, H.W. Chemistry Manitoba	Allosteric citrate synthase 3yr - 2nd Inst.	Individual	31,800	02
Duda, P.D. Psychology Guelph	Effects of concurrent memory loads on visual laterality patterns 3yr - 3rd Inst.	Individual	6,122	12
Dudas, M.J. Soil Science Alberta	1) Biogeochemistry of arsenic in soils developed on acid shale 2) Seasonal dynamics in the natural abundance of mercury in soil 2yr - 2nd Inst.	Individual	15,900	10
Duerksen, J.D. Biology Calgary	Analysis of the chromatin structure and function of several mammalian gene systems 3yr - 2nd Inst.	Individual	34,980	02
Duff, G.F.D. Mathematics Toronto	Topics in partial differential equations and analysis 3yr - 1st Inst.	Individual	15,678	16
Dufour, J.M. Sc. économique Montréal	Techniques de séries chronologiques: méthodes non-paramétriques, prévision et stabilité des modèles 3ans - 1er vers.	Individuelle	6,455	14
Dufresne, M.J P. Biology Windsor	Genetic and biochemical characterization of myogenesis using somatic cell hybridization	Individual	5,300	02
Dugan, C.H. Physics York	Laser physics and applications in photodissociation 3yr - 3rd Inst.	Individual	8,912	15
Dugas, H. Chimie Montréal	Etude dynamique d'interaction récepteur-substrat (host-guest) à l'aide de sondes moléculaires 2ans - 1er vers.	Individuelle	28,620	02
Duggal, K.L. Mathematics Windsor	Differential geometrical methods in mathematical physics 3yr - 3rd Inst.	Individual	4,283	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Duitschaever, C.L. Food Science Guelph	Presence of biogenic amines in Villard Noir wines and environmental factors affecting their generation or their disappearance 3yr - 3rd Inst.	Individual	11,019	03
Duley, W.W. Physics York	1) Interstellar molecules and grains 2) Laser spectroscopy 3yr - 1st Inst.	Individual	41,870	17
Dullien, F.A.L. Chemical Eng. Waterloo	1) Modeling of displacement of petroleum based on the mechanisms at the pore level 2) Modeling of capture of aerosol particles in turbulent flow 3yr - 1st Inst.	Individual	39,220	04
Dumais, J.F. Sciences pures Québec-Rimouski	Dynamics of fluid interfaces 3ans - 3e vers.	Individuelle	4,163	15
Dumbroff, E.B. Biology Waterloo	1) Mechanisms of plant adjustment to environmental stress 2) Mechanisms that control dormancy and growth in sugar maple 3yr - 1st Inst.	Individual	44,520	03
Dunbar, M.J. Oceanography McGill	Marine ecological research, Arctic, Gulf of St. Lawrence and North Atlantic	Individual	15,900	18
Duncan, J.L. Mechanical Eng. McMaster	Industrial sheet metal forming 3yr - 1st Inst.	Individual	38,500	13
Duncan, J.P. Mechanical Eng. British Columbia	Automatic machining of dies for formation of high strength sheet metal 3yr - 2nd Inst.	Individual	38,796	13
Duncan, M.J. Physics Toronto	Theoretical astrophysics 3yr - 2nd Inst.	Univ. Research Fellow	15,900	17
Duncan, R. Math/statistiques Montréal	Suites de projections généralisées et convergence ponctuelle 3ans - 2e vers.	Individuelle	1,749	14
Dunell, B.A. Chemistry British Columbia	Studies of nuclear magnetic resonance in solids 3yr - 3rd Inst.	Individual	12,856	05
Dunford, H.B. Chemistry Alberta	Enzyme mechanisms, oxygen radicals in biology 3yr - 3rd Inst.	Individual	30,608	05
Dunford, W.G. Electrical Eng. British Columbia	Microprocessors applied to power electronics control	Individual	12,402	11
Dunham, C.B. Computer Science Western Ontario	Algorithms for best approximation 3yr - 2nd Inst.	Individual	14,065	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dunham, D.W. Zoology Toronto	Animal communication: the determinants of efficiency in social display systems 3yr - 3rd Inst.	Individual	15,916	18
Dunham, P.J. Psychology Dalhousie	Time allocation choice behavior 3yr - 2nd Inst.	Individual	18,020	12
Dunlap, R.A. Physics Dalhousie	Hyperfine interactions studies in Heusler alloys and amorphous ferromagnets 3yr - 2nd Inst.	Individual	10,600	15
Dunlop, D.J. Physics Toronto	Rock magnetism and paleomagnetism of continental and submarine rocks and synthetic analogs 3yr - 2nd Inst.	Individual	47,700	10
Dunn, B.E. Psychology Calgary	Effects of noise input on speech production 3yr - 1st Inst.	Individual	8,480	12
Dunn, K.A. Math,Stat&Comp Sc Dalhousie	Homogeneous and inhomogeneous cosmologies with electromagnetic fields 3yr - 2nd Inst.	Individual	8,480	17
Dunnett, C.W. Mathematical Sci. McMaster	Multiple comparisons, selection and screening 3yr - 3rd Inst.	Individual	11,784	14
Durand, L.G. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Durdle, N.G. Electrical Eng. Alberta	Acquisition and computer processing of electrical signals from the human colon 3yr - 1st Inst.	Individual	11,660	11
Durocher, G. Chimie Montréal	Spectroscopie electronique et photophysique moleculaire en milieux solide et fluide 3ans - 2e vers.	Individuelle	20,140	05
Durst, T. Chemistry Ottawa	1) Beta-Lactam Antibiotics 2) Syntheses via Benzocyclobutenols 3yr - 3rd Inst.	Individual	45,299	05
Dussault, J.P. Math/informatique Sherbrooke	Programmation mathématique avec application en transport et en gestion de centrale hydro-électrique	Individuelle	9,540	07
Dusseault, M.B. Earth Sciences Waterloo	Geomechanics of In situ processes 3yr - 2nd Inst.	Individual	23,320	10
Duthie, H.C. Biology Waterloo	Ecology, paleoecology, and systematics of freshwater algae 3yr - 1st Inst.	Individual	33,920	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Dutton, G.G.S. Chemistry British Columbia	Immunochemistry of some gram-negative bacteria 3yr - 3rd Inst.	Individual	28,159	05
Duval, A. Biologie Laval	1) Le système circulatoire des limaces 2) La résistance des limaces au froid 3ans - 2e vers.	Individuelle	11,660	01
Duval, F. Génie électrique Sherbrooke	Développement d'un système rapide de traitement de texte basé sur les phénomènes d'inhibition latérale dans les réseaux nerveux 3ans - 1er vers.	Individuelle	11,024	11
Dwivedi, T.D. Mathematics Concordia	Statistical inference in linear models 3yr - 2nd Inst.	Individual	5,247	14
Dyer, C.C. Astronomy Toronto	Application of general relativity to astronomy and cosmology 2yr - 1st Inst.	Univ. Research Fellow	26,500	17
Dyment, J.D. Computer Science Waterloo	1) Data flow design automation 2) Message-based protocols	Individual	13,780	07
Dymond, P.W. Computer Science Waterloo	Complexity of parallel computation	Individual	12,720	07
Eales, J.G. Zoology Manitoba	Comparative thyroid function 3yr - 2nd Inst.	Individual	51,198	01
Earhard, B. Psychology Dalhousie	Recognition processes in memory and perception 3yr - 1st Inst.	Individual	14,522	12
Easa, S.M. Civil Engineering Lakehead	Traffic management on freeway corridors 3yr - 1st Inst.	Individual	11,167	06
East, C. Physique Québec-Montréal	Dépôt sec de polluants gazeux 3ans - 1er vers.	Individuelle	3,710	17
Eastham, A.R. Electrical Eng. Queen's	Electromagnetic processing of metals and linear electric drives 3yr - 1st Inst.	Individual	17,490	11
Eaton, D.R. Chemistry McMaster	The role of second coordination sphere intermediates in reactions of metal complexes 3yr - 1st Inst.	Individual	40,459	05
Eaton, G.W. Plant Science British Columbia	Reproductive physiology and morphology of horticultural crops 3yr - 3rd Inst.	Individual	17,140	03
Eaves, D.M. Mathematics Simon Fraser	Information-based objective bayesian inference 3yr - 1st Inst.	Individual	4,295	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Eckenwalder, J.E. Botany Toronto	Systematics of North American Populus (Salicaceae) 3yr - 2nd Inst.	Individual	13,250	18
Eddy, N.W. Physics Concordia	The design, construction and testing of a dose-equivalent radiation meter * with D.E.Charlton,J.J.Shin(Concordia)	Team	21,200	22
Edelstein, M. Math/Statistics Dalhousie	Contributions to the geometry and topology of normed spaces 3yr - 1st Inst.	Individual	10,000	16
Edgar, A.D. Geology Western Ontario	Geochemistry and petrology of igneous rocks with particular reference to the mantle 3yr - 2nd Inst.	Individual	31,270	10
Edgington, E.S. Psychology Calgary	Development of randomization tests 3yr - 1st Inst.	Individual	6,431	14
Edgington, L.V. Environ. Biology Guelph	Systemic fungicides; translocation within plants and the development of resistance by fungi 3yr - 1st Inst.	Individual	37,926	03
Edmonds, J. Combin./Optimiz. Waterloo	Complexity combinatorics 3yr - 2nd Inst.	Individual	34,004	16
Edmund, A.G. Geology Toronto	Osteology, stratigraphic relationships and systematic revision of giant armadillos and ground sloths: Study of certain Pleistocene Felidae 2yr - 2nd Inst.	Individual	9,540	10
Edmunds, C.C. Mathematics Mt. St. Vincent	Equations over groups 3yr - 2nd Inst.	Individual	6,519	16
Edward, J.T. Chemistry McGill	Structure and reactivity of organic molecules 2yr - 1st Inst.	Individual	46,480	05
Edwards, G.R. Earth & Atmos. Sc. York	The geochemistry and evolution of two contrasting, archean volcanic-plutonic terrains, Northwestern Ontario	Individual	16,960	10
Edwards, K.W. Physics Carleton	* Refer to N.Isgur(Toronto)	Project		23
Edwards, K.W. Physics Carleton	Project 82.02 The ARGUS experiment - Beauty at DESY * with W.R.Frisken(York), P.M.Patel(McGill),J.D.Prentice,T-S.Yoon(Toronto)	Project	52,500	23
Edwards, R.N. Physics Toronto	Electromagnetic exploration at sea with controlled sources 3yr - 2nd Inst.	Individual	28,620	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Egelstaff, P.A. Physics Guelph	Structure and dynamics of dense fluids 3yr - 3rd Inst.	Individual	78,478	15
Egerton, R.F. Physics Alberta	Analytical electron microscopy and electron energy-loss spectrometry 3yr - 3rd Inst.	Individual	15,574	15
Eggens, J.L. Horticultural Sci. Guelph	The role of annual bluegrass root growth in interspecies competition 3yr - 3rd Inst.	Individual	6,122	03
Eich, E. Psychology British Columbia	Memory for unconscious events: Remembering with and without awareness 3yr - 1st Inst.	Univ. Research Fellow	10,600	12
Eikelboom, R. Psychology Queen's	Conditioning of drug-induced physiological responses 3yr - 1st Inst.	Individual	11,130	12
Einstein, F.W.B. Chemistry Simon Fraser	Crystal structure analysis 3yr - 2nd Inst.	Individual	34,980	05
Eiselt, H.A. Quantitative Method Concordia	Bottleneck and min-max problems	Individual	4,685	07
Eisenberg, A. Chemistry McGill	Structure and viscoelastic and thermal properties of polymers 3yr - 1st Inst.	Individual	57,949	05
Eisenstein, Z. Civil Engineering Alberta	1) Integrated design method for shallow tunnels 2) Soil-structure interface behaviour 3) Application of elasto-plastic constitutive models 3yr - 1st Inst.	Individual	37,100	06
Eizner Favreau, O. Psychology Montréal	Visual information processing 3yr - 1st Inst.	Individual	25,440	12
Ekanayake, M.N. Electrical Eng. Memorial	Digital communication through satellite channels	Individual	12,614	11
Elazhary, M.A.S. Pathol./microbiol. Montréal	Etude de l'immunité cellulaire et de l'immunité humorale chez le veau en relation avec le Rotavirus et les immunostimulants 3ans - 1er vers.	Individuelle	18,020	01
Elbrond, J. Génie minéral Ecole Polytechnique	Planification de production d'exploitation à ciel ouvert	Individuelle	13,780	20
Elcock, E.W. Computer Science Western Ontario	Contribution of logic to software methodology and data base design 3yr - 1st Inst.	Individual	21,020	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Elder, G.C.B. Physical Education Dalhousie	Effects of hypo- and hyper-activity on muscle fiber differentiation during development 3yr - 2nd Inst.	Individual	15,900	01
Eldridge, J.E. Physics British Columbia	The far-infrared properties of organic semiconductors, conductors and superconductors 3yr - 1st Inst.	Individual	37,100	15
Elhakeem, A.K. Electrical Eng. Manitoba	A multi protocol and spread spectrum encrypted packet network	Individual	6,929	11
Elhakeem, A.K. Electrical Eng. Concordia	A multi protocol and spread spectrum encrypted packet network 3yr - 1st Inst.	Individual	6,321	11
El-Hawary, M.E.A. Electrical Eng. Tech. Univ. N.S.	Economic operation of electric power systems 3yr - 1st Inst.	Individual	31,416	11
Elias, R.J. Earth Sciences Manitoba	Ordovician solitary rugose corals of North America 3yr - 1st Inst.	Individual	22,260	10
Elias, V.W. Applied Math. Western Ontario	Grand unification: The static-symmetry desert and the supersymmetric alternative	Individual	10,600	15
Elinson, R.P. Zoology Toronto	Establishment of dorso-ventral polarity in the embryo 3yr - 2nd Inst.	Individual	29,150	01
El Jabi, N. Génie civil Ecole Polytechnique	Analyse technico-économique des crues 3ans - 2e vers.	Chercheur-boursier univ.	13,780	06
El-Kady, A. Elec. & Comp. Eng. McMaster	Computer-aided analysis and planning of large-scale power systems	Individual	16,642	11
Ellers, E.W. Mathematics Toronto	Generators of classical groups 3yr - 3rd Inst.	Individual	5,712	16
Elliott, G.A. Mathematics Ottawa	Operator algebras and applications	Individual	10,600	16
Elliott, J.R. Mathematics Wilfrid Laurier	* Refer to D.R.Peirson(Wilfrid Laurier) 3yr - 1st Inst.	Team		03
Elliott, R.H. Plant Science British Columbia	Chemical and physiological factors influencing the pathogenicity of Bacillus thuringiensis	Individual	13,780	01
Ellis, B.E. Chemistry Guelph	Synthesis, accumulation and catabolism of secondary metabolites in plant cells 3yr - 3rd Inst.	Individual	23,262	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ellis, R.M. Geophys./Astron. British Columbia	Earthquake studies and refraction seismology 3yr - 1st Inst.	Individual	32,860	10
Ellyin, F. Mechanical Eng. Alberta	The behavior of materials and reliability of components under various states of stress and environments 3yr - 2nd Inst.	Individual	43,460	06
Elmaraghy, H.A. Mechanical Eng. McMaster	Computer integrated manufacturing 3yr - 2nd Inst.	Individual	19,419	13
Elrick, D.E. Land Resource Sc Guelph	Transport phenomena in natural porous media 3yr - 1st Inst.	Individual	30,853	10
El-Sabh, M. Oceanography Québec-Rimouski	Circulation dynamics and mixing processes in the lower St. Lawrence estuary	Individual	14,840	10
El-Serafi, A.M. Electrical Eng. Saskatchewan	Transient phenomena of synchronous machines with special reference to their stability improvements 3yr - 2nd Inst.	Individual	16,748	11
Elson, C.M. Chemistry Saint Mary's	Determination of rare earth elements using bismuth coprecipitation and neutron activation analysis 3yr - 1st Inst.	Individual	13,780	05
Embury, J.D. Metal/Mat. Science McMaster	Plastic deformation and damage accumulation at large plastic strains 3yr - 1st Inst.	Individual	57,050	04
Emerson, V.F. Psychology Queen's	Behavioural and physiological analyses of threshold and supra-threshold mechanisms of spatial vision 2yr - 2nd Inst.	Univ. Research Fellow	10,600	12
Emery, A.R. Forestry Toronto	Mechanisms of speciation in fishes 3yr - 3rd Inst.	Individual	6,122	18
Emery, W.J. Oceanography British Columbia	Short term variability of wind and sea surface temperature patterns as inferred from geostationary satellite data 3yr - 1st Inst.	Individual	22,260	10
Enesco, H.E. Biology Concordia	Lifespan: influence of physiological and cellular factors 3yr - 1st Inst.	Individual	7,420	02
Engel, C.R. Chimie Laval	1) Problèmes de chimie organique 2) Synthèses d'alcaloides du type de la cévine	Individuelle	18,550	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
England, J. Geography Alberta	Quaternary glaciation, glacio-isostasy and paleoclimatic change, Northern Ellesmere Island 3yr - 3rd Inst.	Individual	19,589	10
Englefield, C.G. Electrical Eng. Alberta	Optical fibre communication systems	Individual	11,554	11
English, A.M. Chemistry Concordia	Electron transfer mechanisms of metalloproteins	Individual	15,900	05
Enns, E.G. Math/Statistics Calgary	Innovative statistical models 3yr - 3rd Inst.	Individual	4,970	14
Enns, K. Chemical Eng. Waterloo	Cyanide and heavy metal recovery from cyanidation wastes by ion exchange and electrolysis	Individual	10,812	04
Enns, R.H. Physics Simon Fraser	Theoretical analysis of nonlinear phenomena (with an emphasis on nonlinear optics) 3yr - 3rd Inst.	Individual	16,883	15
Enright, W.H. Computer Science Toronto	The analysis and development of reliable and effective numerical methods for ODEs 3yr - 1st Inst.	Individual	32,741	07
Epand, R.M. Biochemistry McMaster	Conformational and biological properties of glucagon and its membrane receptor 3yr - 2nd Inst.	Individual	39,220	02
Epstein, M. Mechanical Eng. Calgary	Non-linear mechanics of structures 3yr - 1st Inst.	Individual	19,080	06
Epstein, N. Chemical Eng. British Columbia	Transfer processes 3yr - 1st Inst.	Individual	53,000	04
Erbe, L.H. Mathematics Alberta	Disconjugacy, oscillation, and boundary value problems for ODEs 3yr - 3rd Inst.	Individual	11,425	16
Erdahl, R.M. Mathematics Queen's	The geometry of the integer roots of some quadratic equations with many variables 3yr - 2nd Inst.	Individual	1,412	16
Erdman, K.L. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Erdman, K.L. Physics British Columbia	* Refer to Y.M.Shin(Saskatchewan)	Project		22
Erdman, K.L. Physics British Columbia	* Refer to B.L.White(British Columbia)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Erdman, K.L. Physics British Columbia	* Refer to R.R.Johnson(British Columbia)	Project		22
Esmail, M.N. Chem & Chem Eng. Saskatchewan	Isothermal and non-isothermal fluid flows in open and closed channels 3yr - 3rd Inst.	Individual	13,957	04
Etches, R.J. Animal/Poultry Sc. Guelph	The endocrine control of ovulation in domestic birds 3yr - 2nd Inst.	Individual	29,362	01
Etkin, B. Aerospace Studies Toronto	Researches in applied aerodynamics 3yr - 3rd Inst.	Individual	35,505	13
Etsell, T.H. Mineral Eng. Alberta	Ceramic electrolytes and metal extraction from fly ash 3yr - 2nd Inst.	Individual	25,094	04
Eu, B.C. Chemistry McGill	Kinetic theory and nonlinear irreversible thermodynamics of dense fluids 3yr - 3rd Inst.	Individual	34,280	05
Evans, H.C. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
Evans, L.E. Plant Science Manitoba	The genetic analysis and improvement of economically important characters in wheat, rye and related species 3yr - 1st Inst.	Individual	30,453	03
Evans, L.J. Land Resource Sc Guelph	Phenolic acids and podzolisation 3yr - 3rd Inst.	Individual	14,692	10
Evans, M.E. Physics Alberta	Quaternary paleomagnetism of Western Canada and archeomagnetic investigations 3yr - 3rd Inst.	Individual	31,832	10
Evans, M.J. Physical Science Toronto	Multivariate statistics and statistical inference 3yr - 3rd Inst.	Individual	1,456	14
Evans, R.D. Environmental Stud. Trent	Lake sediments as indicators of anthropogenic lead deposition 2yr - 2nd Inst.	Individual	9,964	10
Evans, R.L. Mechanical Eng. British Columbia	Unsteady gas turbine blade performance 3yr - 2nd Inst.	Individual	16,907	13
Evans, R.M. Zoology Manitoba	Foraging systems of gulls 3yr - 1st Inst.	Individual	27,500	18
Evans, W.G. Entomology Alberta	Allelochemic habitat selection in the Carabidae (Coleoptera) 3yr - 1st Inst.	Individual	11,130	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Evans, W.S. Biology Winnipeg	Studies on the populations of helminths * with M.M.A.Novak(Winnipeg) 3yr - 3rd Inst.	Team	14,692	01
Evensen, N.M. Geology Toronto	Analysis and modeling of isotopic variations in geologic systems 2yr - 2nd Inst.	Individual	18,020	10
Ewan, G.T. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
Eyles, N. Geology Toronto	Subaqueous melt-out tills in Ontario; implicatons for Quaternary geology, engineering geology and mineral exploration 3yr - 2nd Inst.	Univ. Research Fellow	21,200	10
Eyre, P. Biomed Sciences Guelph	Pulmonary inflammatory and homeostatic mechanisms of domestic herbivores 3yr - 1st Inst.	Individual	58,300	01
Fackrell, H.B. Biology Windsor	Characterization of staphylococcal alpha toxin	Individual	14,840	02
Fahey, B.D. Geography Guelph	Hydration and salt crystallization as rock weathering mechanisms in cold climates 2yr - 2nd Inst.	Individual	10,812	10
Fahidy, T.Z. Chemical Eng. Waterloo	Studies in electrolytic reactor engineering 3yr - 1st Inst.	Individual	38,660	04
Fahlman, G.G. Geophys./Astron. British Columbia	Photometric and spectroscopic studies of stars and stellar systems	Individual	15,900	17
Fahmy, M.M. Electrical Eng. Queen's	Analysis, design and implementation of two-dimensional digital filters 3yr - 1st Inst.	Individual	22,896	11
Fahraeus, L.E. Earth Sciences Memorial	Conodontophorid paleobiology, histomorphology of conodonts and thelodont scales, and Lower Paleozoic chrono-and biostratigraphy 3yr - 1st Inst.	Individual	18,550	10
Fahselt, D. Plant Science Western Ontario	Systematics of lichens: a biochemical approach 3yr - 3rd Inst.	Individual	14,692	18
Faig, W. Surveying Eng New Brunswick	Photogrammetrie subsidence monitoring 3yr - 3rd Inst.	Individual	15,916	06
Fairbairn, D.J. Biology Concordia	The quantitative importance of gene flow as a determinant of evolutionary change	Individual	12,720	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fairman, F.W. Electrical Eng. Queen's	Observers and 2-D filters 3yr - 2nd Inst.	Individual	26,691	11
Falconer, D.D. Sys. & Comp. Eng. Carleton	Digital communication systems and signal processing	Individual	17,066	11
Falk, W.R. Physics Manitoba	Polarization phenomena and nuclear structure studies using direct reactions	Individual	38,160	22
Fallding, M.H. Biomed Sciences Guelph	Controls of differentiation: 1) Action of vitamin A in a model in vitro system 2) Dermal-epidermal interactions in health and disease 3yr - 3rd Inst.	Individual	15,916	02
Fallis, A.G. Chemistry Memorial	Studies in synthetic organic chemistry and marine natural products 2yr - 1st Inst.	Individual	27,030	05
Falls, J.B. Zoology Toronto	Behaviour and populations of terrestrial vertebrates 3yr - 2nd Inst.	Individual	49,820	18
Falter, H. Chemistry Laurentian	* Principal investigator M.A.Persinger(Laurentian) 3yr - 2nd Inst.	Team		12
Fam, W.Z. Electrical Eng. Tech. Univ. N.S.	Biological effects of ultrasonic waves 3yr - 1st Inst.	Individual	16,218	11
Fancott, T. Computer Science Concordia	High level language support of microcomputer system architecture and applications	Individual	10,726	07
Fankboner, P.V. Biolog. Sciences Simon Fraser	Feeding biology of sea cucumbers 3yr - 3rd Inst.	Individual	13,467	01
Farah, A. Engineering Laurentian	Assessment and enhancement of the serviceability of structures subjected to dynamic loading 3yr - 3rd Inst.	Individual	7,958	06
Farahat, H.K. Math/Statistics Calgary	Representation theory, abelian groups, commutative algebra 3yr - 3rd Inst.	Individual	8,570	16
Farber, M.R. Combin./Optimiz. Waterloo	Algorithmic aspects of domination 3yr - 1st Inst.	Individual	4,410	16
Farmer, R.E. Forestry Lakehead	Genecology of Populus balsamifera L. in northwestern Ontario 3yr - 1st Inst.	Individual	21,200	18
Farnell, G.W. Electrical Eng. McGill	Travelling wave interactions in solids 3yr - 3rd Inst.	Individual	24,241	11

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Farouq Ali, S.M. Mineral Eng. Alberta	Mechanics of sand production in oil-water producing wells 3yr - 1st Inst.	Individual	20,458	04
Farquhar, G.J. Civil Engineering Waterloo	Quantifying methane migration from landfills 3yr - 3rd Inst.	Individual	18,365	06
Farquhar, R.M. Physics Toronto	Lead isotope ratio variations 3yr - 1st Inst.	Individual	12,720	10
Farrall, M.J. Chemistry Ottawa	Synthesis and applications of novel functional polymers by chemical modification	Univ. Research Fellow	8,232	05
Farrar, D.H. Chemistry Toronto	The preparation, structure and reactivity of platinum group clusters	Individual	19,080	05
Farrar, E. Geological Sciences Queen's	Plate tectonic evolution of the Pacific Ocean basin and its margins - KAr geochronology and paleomagnetism 3yr - 1st Inst.	Individual	19,610	10
Farrell, A.P. Biology Mount Allison	Control of circulation in fish 2yr - 1st Inst.	Univ. Research Fellow	21,200	01
Farvolden, R.N. Earth Sciences Waterloo	Groundwater flow in a stratified reservoir under pumping stress 2yr - 2nd Inst.	Individual	15,900	10
Faubert, G.M. Parasitology Macdonald Coll.	Experimental parasitology 3yr - 3rd Inst.	Individual	19,589	01
Faucher, G. Génie mécanique Laval	* Chercheur principal M.A.Paradis(Laval) 3ans - 2e vers.	Equipe		13
Faulkner, M.G. Mechanical Eng. Alberta	1) Weld fatigue 2) Vibrations of periodic beams 3) Modal analysis 3yr - 1st Inst.	Individual	15,052	13
Fauvel, O.R. Mechanical Eng. Calgary	1) Design & evaluation of Stirling engine control systems 2) Development of CAD/CAM techniques for Stirling engine component design & manufacture 3yr - 1st Inst.	Individual	12,826	13
Fawcett, B.W. Math/Statistics Dalhousie	To investigate role of graph decompositions in structuring data 3yr - 2nd Inst.	Individual	1,412	16
Fawcett, E. Physics Toronto	Antiferromagnetism in metals (especially magneto-elastic and strain effects) 3yr - 2nd Inst.	Individual	54,198	15
Fawcett, J.J. Geology Toronto	Experimental and field based studies in igneous and metamorphic petrology 3yr - 1st Inst.	Individual	15,900	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fawcett, W.R. Chemistry Guelph	Studies in interfacial electrochemistry 3yr - 1st Inst.	Individual	46,289	05
Fawzi, T.H. Electrical Eng. Toronto	Investment planning of electrical systems 3yr - 3rd Inst.	Univ. Research Fellow	14,363	11
Fay, D.F. Electrical Eng. Tech. Univ. N.S.	A new method of ECG diagnosis based on eigenfunction analysis suitable for micro-computer application	Individual	11,660	11
Fazio, P.P. Ctre.-Build. Stud. Concordia	Building systems: behaviour and design of systems, and components with emphasis on energy efficiency 3yr - 2nd Inst.	Individual	28,620	06
Fearing, H.W. TRIUMF British Columbia	Theoretical intermediate energy physics 3yr - 1st Inst.	Individual	26,648	15
Fedigan, L.M. Anthropology Alberta	Sex differences in reproductive and demographic patterns in macaques 3yr - 3rd Inst.	Individual	18,732	18
Fedosejevs, R. Electrical Eng. Alberta	Laser-plasma interactions : raman and energy transport 3yr - 2nd Inst.	Univ. Research Fellow	15,900	15
Feher, K. Electrical Eng. Ottawa	New digital modulation techniques: Satellite, microwave and cable systems applications 3yr - 1st Inst.	Individual	81,090	11
Feininger, T. Geology Laval	Comparative petrology and tectonic history of the Quebec Appalachians and the Ecuadorian Andes 2yr - 2nd Inst.	Individual	5,300	10
Fekete, G.I. Mechanical Eng. McGill	Wind engineering 3yr - 1st Inst.	Individual	9,858	13
Feldman, D. Ctre.-Build. Stud. Concordia	Polymers for energy conservation and solar energy applications 3yr - 1st Inst.	Individual	25,440	06
Feldman, J.S. Mathematics British Columbia	Legendre transforms and r-particle irreducibility in quantum field theory 3yr - 3rd Inst.	Individual	4,283	16
Fellenius, B.H. Civil Engineering Ottawa	New analytical and investigative methods in foundation engineering 3yr - 1st Inst.	Individual	22,260	06
Feller, M.C. Forestry British Columbia	Continued investigations of the effects of forest management on site biogeochemistry and streamwater chemistry 3yr - 3rd Inst.	Univ. Research Fellow	13,467	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fellows, D.M. Computer Science New Brunswick	* Refer to J.M.DeDourek(British Columbia)	Team		07
Fels, M. Chemical Eng. Lakehead	Electrochemical degradation of waste metabolites in dialysate 3yr - 1st Inst.	Individual	10,706	04
Feltham, L.A.W Biochemistry Memorial	1) Seasonal amino acid variation in marine fish; 2) Ne-(G-glutamyl) lysine isodipeptide in winter flounder; 3) The effect of temperature on proteolytic enzymes in marine fish 3yr - 3rd Inst.	Individual	14,692	01
Fenichel, N.H. Mathematics British Columbia	Structure of dynamical systems 3yr - 1st Inst.	Individual	11,759	16
Fensom, D.S. Biology Mount Allison	Measurement of bio-electric phenomena and transport in living plants 3yr - 3rd Inst.	Individual	22,037	03
Fenton, M.B. Biology Carleton	Ecology and behaviour of bats 3yr - 3rd Inst.	Individual	30,608	18
Fenton, R.G. Mechanical Eng. Toronto	Design, robotics and manufacturing 3yr - 1st Inst.	Individual	18,232	13
Fentress, J.C. Psychology Dalhousie	Boundary conditions of species behavior 3yr - 1st Inst.	Individual	41,658	12
Fenwick, J.C. Biology Ottawa	Calcium metabolism in fish and the role of vitamin D metabolites 3yr - 3rd Inst.	Individual	27,547	01
Ferch, H.J. Computer Science Manitoba	Real-time routing control systems	Individual	9,705	07
Ferguson, G. Chemistry Guelph	X-ray investigations of molecular structures 2yr - 1st Inst.	Individual	53,000	05
Ferguson, M.J. INRS-Télécomm. Québec - INRS	Fundamental models for communicating systems	Individual	6,996	11
Ferguson, R.B. Earth Sciences Manitoba	Crystal-chemical and petrogenetic studies of the rock-forming feldspars and other minerals 3yr - 1st Inst.	Individual	26,500	10
Ferland, J.A. Infor. & rech opér. Montréal	Problèmes de "routing" et de "scheduling": développement, applications et problèmes connexes 3ans - 2e vers.	Individuelle	28,905	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fernando, C.H. Biology Waterloo	Zoöplankton systematics, distribution and ecology. Secondary production in freshwaters	Individual	12,720	18
Fernando, M.A. Pathology Guelph	Host-cell parasite interaction in the coccidia	Individual	28,162	01
Fernie, J.D. Astronomy Toronto	Investigations of variable stars and astronomical photometry 3yr - 1st Inst.	Individual	24,380	17
Ferron, J. Sciences pures Québec-Rimouski	Etude de la stratégie alimentaire de l'Ecureuil roux (Tamiasciurus hudsonicus) 3ans - 2e vers.	Individuelle	16,960	18
Ferroni, G.D. Biology Laurentian	The rates of bacterial heterotrophic activities in lakes of the Sudbury area 3yr - 3rd Inst.	Individual	7,346	18
Feuerstein, I.A. Chemical Eng. McMaster	Surface shear rates and flow instabilities in arterial models 3yr - 3rd Inst.	Individual	16,406	04
Feuerverger, A. Statistics Toronto	Transform methods in inference 3yr - 1st Inst.	Individual	12,885	14
Field, C.A. Math,Stat&Comp Sc Dalhousie	Small sample asymptotic approximations for robust M-estimates and tests 3yr - 2nd Inst.	Individual	11,745	14
Field, J.A.A. Electrical Eng. Waterloo	Computer communications 3yr - 1st Inst.	Individual	14,310	11
Field, R.H.G. Faculty of Business Simon Fraser	* Refer to W.C.Wedley(Simon Fraser)	Team		20
Fields, J.L. Mathematics Alberta	Rational approximation and asymptotic analysis 3yr - 1st Inst.	Individual	5,880	16
Filanovsky, I. Electrical Eng. Alberta	Wideband integrated circuit design techniques	Individual	15,370	11
Filion, L. Géographie Laval	Dynamique holocène des systèmes écoliens du Québec 2ans - 1er vers.	Individuelle	11,660	10
Filion, W.G. Botany Toronto	Molecular plant cytogenetics 3yr - 1st Inst.	Individual	13,780	02
Fillmore, P.A. Math/Statistics Dalhousie	C*-algebras and algebraic topology 3yr - 1st Inst.	Individual	15,678	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Filosa, M.F. Zoology Toronto	Differentiation in cellular slime molds and fish 3yr - 2nd Inst.	Individual	8,480	02
Filseth, S.V. Chemistry York	Laser photochemistry and chemical kinetics * with T.Carrington,C.M.Sadowski(York) 2yr - 1st Inst.	Team	20,140	05
Finbow, A.S. Mathematics Saint Mary's	A study of nonexpansive and contraction mappings 3yr - 1st Inst.	Individual	1,800	16
Finch, J.A. Mining/Metal. Eng. McGill	Fine particles processing by high gradient magnetic separation 3yr - 1st Inst.	Individual	17,702	04
Finden, W.F. Mathematics Saint Mary's	Interpolation procedures applied to singular perturbation problems 3yr - 1st Inst.	Individual	1,470	16
Findlay, J.A. Chemistry New Brunswick	Structure and synthesis of compounds of biological interest 3yr - 2nd Inst.	Individual	28,620	05
Findlay, R.D. Electrical Eng. McMaster	Electromagnetic fields in electric power apparatus 3yr - 3rd Inst.	Individual	9,550	11
Finke, G. Applied Math. Tech. Univ. N.S.	Threshold techniques for network flow problems 3yr - 1st Inst.	Individual	11,748	07
Finley, M.R. Informatique Laval	Systèmes d'information visuelle utilisant les fibres optiques	Individuelle	11,991	07
Finn, W.D. Soil Dynamics British Columbia	Behaviour of ground and structures under wave and earthquake loading, moving boundary problems, pollution dispersal 3yr - 2nd Inst.	Individual	54,060	10
Fischer, A. Chemistry Victoria	Aromatic reactivity 3yr - 1st Inst.	Individual	28,620	05
Fischer, C.W. Physics Guelph	Atomic migration at the interface of the metal/GaAs and the anodic metal/GaAs system	Individual	10,452	15
Fischer, P. Math/Statistics Guelph	Small sets, borel graphs and functional equations 3yr - 1st Inst.	Individual	2,450	16
Fiset, M. Mines & métallurgie Laval	Etude sur les mécanismes d'usure par abrasion et développement d'un nouveau composite résistant à l'usure 3ans - 1er vers.	Individuelle	12,508	04
Fisher, D.G. Chemical Eng. Alberta	Computer control of multivariable processes 3yr - 3rd Inst.	Individual	38,443	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fisher, H.D. Zoology British Columbia	Underwater behavioural bioacoustics in killer whale kinship groups 3yr - 2nd Inst.	Individual	10,600	01
Fisher, J.C. Mathematics Regina	Structures in finite geometries 3yr - 1st Inst.	Individual	1,470	16
FitzGerald, G.J. Biologie Laval	Ecology and behavior of estuarine sticklebacks (Gasterosteidae) 3ans - 2e vers.	Individuelle	14,840	18
FitzGerald, M.P. Physics Waterloo	Observational astrophysics (galactic structure, clusters, photometry, spectroscopy) 3yr - 2nd Inst.	Individual	27,560	17
FitzGibbon, J.E. Geography Guelph	Water balance and runoff response of the litter layer	Individual	6,360	10
Fixman, U. Math/Statistics Queen's	Modules and linear transformations 3yr - 3rd Inst.	Individual	3,333	16
Flanagan, R.C. Mechanical Eng. Ottawa	WBRF I.C. engines/fibre composite flywheels/flywheel hybrid power train/rotor dynamics 3yr - 2nd Inst.	Individual	19,674	13
Fleet, M.E.L. Geology Western Ontario	Crystal chemical and geochemical studies on earth materials 3yr - 2nd Inst.	Individual	32,860	10
Fleischer, I. Centre de rech math Montréal	Théorie algébrique de la mesure 3ans - 2e vers.	Individuelle	3,294	16
Fleisher, S. Electrical Eng. Tech. Univ. N.S.	Study of electromyographic potentials 3yr - 1st Inst.	Individual	14,310	11
Fleming, A. Psychology Toronto	Neural and endocrine control of maternal behaviour in the rat 3yr - 2nd Inst.	Individual	21,200	12
Fleming, D.G. Chemistry British Columbia	IEP-17 - Muon and muonium formation and relaxation processes in gases * with J.H.Brewer(British Columbia), P.W.Percival(Simon Fraser)	Project	71,400	22
Fleming, D.G. Chemistry British Columbia	* Refer to P.W.Percival(Simon Fraser)	Project		22
Fleming, D.G. Chemistry British Columbia	* Refer to J.H.Brewer(British Columbia)	Project		22
Fleming, D.G. Chemistry British Columbia	* Refer to G.Jones(British Columbia)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fleming, D.G. Chemistry British Columbia	IEP-97 - SR salaries * with J.H.Brewer,D.C.Walker(British Columbia),A.S.Arrott, P.W.Percival,K.E.Newman(Simon Fraser)	Project	60,500	22
Fleming, R.J. Electrical Eng. Saskatchewan	A study of voltage and frequency regulation in electric power systems 3yr - 3rd Inst.	Individual	12,121	11
Flengas, S.N. Metal/Mat. Science Toronto	Electrochemical and thermodynamic properties of materials at high temperatures 3yr - 1st Inst.	Individual	42,930	04
Fletcher, G.L. Mar. Sc. Res. Lab Memorial	Adaptive mechanisms of fish to seasonally cycling environments 3yr - 3rd Inst.	Individual	25,710	01
Fletcher, R. Physics Queen's	Galvanomagnetic, thermomagnetic and magnetothermoelectric properties of metals 3yr - 1st Inst.	Individual	30,464	15
Fletcher, R.A. Environ. Biology Guelph	Hormonal control of senescence in the whole plant 3yr - 1st Inst.	Individual	15,380	03
Fleury, M. Education physique Laval	Les conséquences de travail physique sollicitant une source d'énergie spécifique et d'un travail perceptuel intense sur la performance de tâches perceptuelles complexes 3ans - 3e vers.	Individuelle	7,346	12
Flintoff, B.C. Mineral Eng. Alberta	The froth flotation of fine metallurgical coal	Individual	13,500	04
Fliszar, S. Chimie Montréal	Charge distributions and chemical effects 3ans - 1er vers.	Individuelle	39,750	05
Florian, M.A. Infor. & rech opér. Montréal	Linear and nonlinear network optimization methods and their interactive/graphic use 3ans - 1er vers.	Individuelle	49,820	20
Floryan, J.M. Mechanical Eng. Western Ontario	Analytical and computational fluid mechanics: 1) Certain aspects of stability of shear layers 2) Thermocapillary flows & certain aspects of their stability 3) Channel flows 3yr - 1st Inst.	Individual	14,310	13
Flowerdew, G. Statistics Manitoba	Two-sample tests based on the partial likelihood 2yr - 2nd Inst.	Individual	4,558	14
Foley, J.E. Psychology Toronto	The mental representation of large-scale space 3yr - 3rd Inst.	Individual	7,346	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fong, A.C.H. Comp. & Info. Sc. Guelph	Office automation, image data and analysis in manufacture inspection	Individual	6,724	07
Fong, C.K. Mathematics Toronto	Operator theory 2yr - 1st Inst.	Univ. Research Fellow	4,000	16
Fontaine, A.R. Biology Victoria	Structure and function of echinoderm coelomocytes 3yr - 3rd Inst.	Individual	13,590	01
Fontaine, G. Physique Montréal	Etude des propriétés physiques des étoiles naines blanches 3ans - 3e vers.	Individuelle	26,787	17
Ford, D.C. Geography McMaster	1) Groundwater flow and cavern genesis in soluble rocks 2) Quaternary dating & palaeothermometry of calcite speleothem 3) Karst studies in Canada 3yr - 2nd Inst.	Individual	55,120	10
Ford, J.D. Chemical Eng. Waterloo	Direct contact heat transfer; Solid-gas reactions	Individual	10,070	04
Forer, A. Biology York	Mechanisms of chromosome movement during cell-division 3yr - 2nd Inst.	Individual	59,360	02
Forest, T.W. Mechanical Eng. Alberta	Kinetics of phase changes in liquids 3yr - 3rd Inst.	Individual	12,243	13
Forrest, B.J. Chemistry Dalhousie	Nuclear magnetic resonance of membranes 3yr - 3rd Inst.	Univ. Research Fellow	19,589	05
Forrest, T.P. Chemistry Dalhousie	Stereochemical and mechanistic investigations by NMR spectroscopy 3yr - 3rd Inst.	Individual	10,407	05
Forrest-Pressley, D.L. Educational Psych. Western Ontario	Comprehension monitoring 3yr - 2nd Inst.	Individual	5,300	12
Forsberg, C.W. Microbiology Guelph	Characterization and localization of carbohydrate hydrolyzing enzymes in Bacteroides succinogenes and rumen contents 3yr - 3rd Inst.	Individual	15,916	02
Forst, W. Chimie Laval	Etudes en chimie théorique et en cinétique chimique 3ans - 2e vers.	Individuelle	33,920	05
Forsyth, G.W. Vet. Physiology Saskatchewan	Secretory mechanisms of E. coli heat stable enterotoxin 3yr - 2nd Inst.	Individual	13,356	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Forsyth, P.A. Physics Western Ontario	Radio studies of the upper atmosphere * with J.A.Fulford, G.F.Lyon,J.W.MacDougall(Western Ontario) 3yr - 2nd Inst.	Team	79,500	17
Fortier, S. Chemistry Queen's	The application of direct methods to protein crystal structure determination	Individual	15,900	05
Fortin, E. Physique Ottawa	Propriétés optiques et photoélectroniques des matériaux semiconducteurs 3ans - 2e vers.	Individuelle	23,914	15
Fortin, J. INRS-Eau Québec - INRS	Développement d'un système de prévisions hydrologiques utilisant un modèle déterministe à mailles, adapté à la télédétection 3ans - 2e vers.	Individuelle	14,840	06
Fortin, J.A. Pédologie/écologie Laval	Ectomycorhizes; génèse, fonctionnement et compétitivité 3ans - 2e vers.	Individuelle	47,700	03
Fortin, M. Mathématiques Laval	Eléments finis en mécanique des fluides 3ans - 3e vers.	Individuelle	8,570	16
Fortin, R. Sciences biolog. Québec-Montréal	Facteurs responsables des variations de la force des classes d'âge chez le grand brochet et chez le poulamon atlantique 3ans - 2e vers.	Individuelle	9,540	18
Fortin, Y. Expl./util. des bois Laval	Préséchage mécanique du bois 3ans - 3e vers.	Individuelle	8,570	21
Foulkes, F.R. Chem Eng/App Chem Toronto	Electrochemical systems 3yr - 1st Inst.	Individual	16,430	04
Fouriezos, G. Psychology Ottawa	The current-distance relation in brain stimulation reward 3yr - 3rd Inst.	Individual	8,570	12
Fournier, A. Computer Science Toronto	Modeling in computer graphics	Individual	16,560	07
Fournier, G. Math/informatique Sherbrooke	Indice de point fixe et équations différentielles 3ans - 1er vers.	Individuelle	8,819	16
Fournier, J.J.F. Mathematics British Columbia	Harmonic analysis 3yr - 3rd Inst.	Individual	11,425	16
Fournier, M. Sciences biolog. Québec-Montréal	Immunotoxicologie de l'environnement 3ans - 1er vers.	Individuelle	18,020	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fournier, R.O. Oceanography Dalhousie	Plankton, the physical environment and fish larvae off southwestern Nova Scotia	Individual	15,900	18
Fowke, L.C. Biology Saskatchewan	Cytological studies of plant cell wall formation and plant cell hybridization 3yr - 2nd Inst.	Individual	39,220	02
Fowler, D.B. Crop Dev. Ctre. Saskatchewan	Genetics and improvement of cold hardiness in winter wheat (Triticum aestivum L.) 3yr - 3rd Inst.	Individual	24,486	03
Fox, B.L. Comp. & Info. Sc. Montréal	Statistical aspects of simulation 3yr - 2nd Inst.	Individual	30,495	07
Fox, R.C. Geology/Zoology Alberta	Late Cretaceous and Early Tertiary tetrapods from western Canada 3yr - 2nd Inst.	Individual	25,970	10
Fraga, S. Chemistry Alberta	Structure and reactivity 3yr - 1st Inst.	Individual	24,910	05
Fragata, M.J. Photobiophysique Qué.-Trois-Riv.	Relation of lipid-lipid and lipid-protein interactions to energy transformations in photosynthesis 3ans - 1er vers.	Individuelle	18,020	02
Francis, B.A. Electrical Eng. Waterloo	Control system design for optimal sensitivity	Individual	22,900	11
Francis, D.M. Geological Sciences McGill	Origin and evolution of basic magmas in the upper mantle 3yr - 1st Inst.	Individual	21,730	10
Franck, J.P. Physics Alberta	Properties of quantum solids 3yr - 3rd Inst.	Individual	20,813	15
Francoeur, A. Sciences pures Québec-Chicoutimi	Taxonomie, écologie et biogéographie des fourmis (Formicidae, Hymenoptera) 3ans - 3e vers.	Individuelle	26,935	18
Frank, B. Physics Concordia	Three-dimensional Ising model: critical region 3yr - 3rd Inst.	Individual	9,023	15
Franklin, J.A. Earth Sciences Waterloo	Engineering applications of rock mechanics	Individual	11,660	10
Franklin, K.B.J. Psychology McGill	Brain neurotransmitter systems and self-stimulation: site specific reward and performance effects 3yr - 3rd Inst.	Individual	14,692	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Franklin, U.M. Metal/Mat. Science Toronto	Experimental studies of ancient metal technologies 3yr - 1st Inst.	Individual	19.928	04
Frape, S.K. Earth Sciences Waterloo	Origin and evolution of saline groundwaters and associated gases within the Canadian Shield 2yr - 1st Inst.	Individual	13.780	10
Fraser, A.R. Chimie Moncton	Mécanismes de l'élongation de la synthèse protéique chez les procaryotes 3ans - 3e vers.	Individuelle	13.467	02
Fraser, C.S. Surveying Eng Calgary	Accuracy enhancement of close-range photogrammetry 2yr - 2nd Inst.	Individual	13.780	06
Fraser, D.A.S. Statistics Toronto	Foundations and methods of inference 3yr - 2nd Inst.	Individual	30.618	14
Fraser, J.M. Chemistry Concordia	Adhesion and mucoid production in microorganisms 2yr - 2nd Inst.	Individual	8.480	02
Fraser, R.R. Chemistry Ottawa	The stereochemistry of organic compounds 3yr - 3rd Inst.	Individual	34.280	05
Frechet, J.M.J. Chemistry Ottawa	Synthesis and applications of functional polymers 3yr - 2nd Inst.	Individual	39.220	05
Frecker, R.C. Bio-Med Eng. Toronto	Instrumentation for measuring drug effects on the human brain 3yr - 2nd Inst.	Individual	34.408	11
Frederiksen, C.H. Educational Psych. McGill	Frame construction processes in discourse comprehension and knowledge acquisition 3yr - 1st Inst.	Individual	19.080	12
Fredlund, D.G. Civil Engineering Saskatchewan	Engineering behavior of expansive soils 3yr - 2nd Inst.	Individual	23.320	10
Freedhoff, H.S. Physics York	Theoretical studies in molecular and solid-state spectroscopy 3yr - 2nd Inst.	Individual	8.512	15
Freedman, A.R. Mathematics Simon Fraser	Summability and density 3yr - 2nd Inst.	Individual	3.294	16
Freedman, B. Biology Dalhousie	Ecological effects of herbicides in forestry/fertilization of Arctic tundra	Individual	20.140	18
Freedman, H.I. Mathematics Alberta	Periodicity, stability, and population ecology 3yr - 3rd Inst.	Individual	11.425	16
Freedman, J.L. Psychology Toronto	The effect of population density on aggressiveness and growth rate of fish 3yr - 1st Inst.	Individual	9.010	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Freedman, N.L. Psychology Queen's	Toward task-dependent laws of brain stimulation reward 3yr - 2nd Inst.	Individual	4,240	12
Freeman, G.R. Chemistry Alberta	Electrons in fluids, radiation chemistry 3yr - 2nd Inst.	Individual	57,240	05
Freeze, R.A. Geological Sciences British Columbia	Groundwater in geological processes 3yr - 3rd Inst.	Individual	41,626	10
Frei, A. Mathematics British Columbia	Shape theory: applications in harmonic analysis, algebra and topology 3yr - 1st Inst.	Individual	3,430	16
Frei, G.H. Mathématiques Laval	Théorie des nombres et histoire des mathématiques 3ans - 2e vers.	Individuelle	3,294	16
Freitag, R. Biology Lakehead	1) Biology and taxonomy of tiger beetles and ground beetles 2) Benthic invertebrates of James Bay 3yr - 2nd Inst.	Individual	16,430	18
French, D. Mechanical Eng Waterloo	Computer aided design and computer aided manufacture 3yr - 1st Inst.	Individual	25,970	13
French, H.M. Geology/Geography Ottawa	Geomorphic and permafrost studies, Banks Island and northern interior Yukon 3yr - 2nd Inst.	Individual	19,610	10
French, J.B. Aerospace Studies Toronto	Hypersensitive trace gas systems research 3yr - 2nd Inst.	Individual	44,085	15
Fresco, J. Chemistry McGill	Trace analysis of platinum group elements 3yr - 3rd Inst.	Individual	7,346	05
Friars, G.W. Animal/Poultry Sc Guelph	Pilot organism check on the efficiency of progeny test information in selection 3yr - 2nd Inst.	Individual	22,790	18
Friedlander, J.B. Physical Science Toronto	Research in number theory 3yr - 3rd Inst.	Individual	8,570	16
Friedman, A. Psychology Alberta	Limited capacity processing and cerebral specialization 3yr - 2nd Inst.	Individual	15,900	12
Friedman, N. Computer Science McGill	Topics in the design and analysis of algorithms 3yr - 1st Inst.	Individual	9,102	07
Friend, W.G. Zoology Toronto	Comparative studies in physiology, nutrition, and feeding behaviour in blood-feeding insects 3yr - 2nd Inst.	Individual	26,500	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Friendly, M.L. Psychology York	Cognitive structure and optimization of learning 3yr - 2nd Inst.	Individual	16,960	12
Friesen, J.D. Medical Genetics Toronto	Gene expression in micro-organisms 3yr - 2nd Inst.	Individual	93,280	02
Frind, E.O. Earth Sciences Waterloo	Mathematical modelling of flow and transport in hydrogeologic systems 3yr - 3rd Inst.	Individual	31,832	10
Frindt, R.F. Physics Simon Fraser	Physical properties of layered structures 3yr - 2nd Inst.	Individual	21,380	15
Frisken, W.R. Physics York	Project 82.02 The ARGUS experiment - Beauty at DESY * with K.W.Edwards(Carleton), P.M.Patel(McGill),J.D.Prentice,T-S.Yoon(Toronto)	Project	120,750	23
Fritz, D.G. Physics Calgary	Light scattering investigation of aqueous structure imposed by macromolecules	Individual	3,180	15
Fritz, P. Earth Sciences Waterloo	Isotopic hydrology and isotope geochemistry, paleohydrology and paleoenvironments 3yr - 1st Inst.	Individual	51,410	10
Friz, C.T. Anatomy British Columbia	Phylogenetic relationships between species of the free-living amoeba 3yr - 1st Inst.	Individual	7,908	01
Frost, B.J. Psychol/Psysiology Queen's	Studies in vision 3yr - 2nd Inst.	Individual	47,700	12
Frost, D.C. Chemistry British Columbia	Electronic structures of atoms and molecules by photon and electron impact	Individual	40,280	05
Fryer, B.J. Earth Sciences Memorial	The application of elemental and isotopic geochemistry to studying continental crustal processes and their associated mineral deposits 3yr - 1st Inst.	Individual	29,880	10
Fryzuk, M.D. Chemistry British Columbia	Coordination chemistry of new ligands and reactive cluster synthesis 3yr - 1st Inst.	Individual	27,918	05
Fu, J.C. Statistics Manitoba	Large deviation theory in point estimation 3yr - 3rd Inst.	Individual	4,359	14
Fujimoto, M. Physics Guelph	Ferroelastic and ferroelectric phase transitions 2yr - 1st Inst.	Individual	10,600	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Fulford, J.A. Physics Western Ontario	* Principal investigator P.A.Forsyth(Western Ontario) 3yr - 2nd Inst.	Team		17
Fullard, J.H. Zoology Toronto	Neurophysiology and behavioural correlates of audition in Lepidoptera 3yr - 3rd Inst.	Individual	18,365	01
Fuller, J.D. Management Sciences Waterloo	Some new methods for energy policy modelling 3yr - 1st Inst.	Individual	13,780	20
Fuller, D.M. Chemical Eng. McGill	Parameter estimation in heterogeneous catalytic reactions	Individual	10,070	04
Fuller, W.A. Zoology Alberta	Demography and winter ecology of small boreal forest mammals	Individual	9,540	18
Fung, K.Y. Mathematics Windsor	Statistical methods in epidemiology and survival analysis 3yr - 1st Inst.	Individual	10,738	14
Funt, B.L. Chemistry Simon Fraser	Electrochemical synthesis and characterization of polymers 3yr - 3rd Inst.	Individual	27,547	05
Funt, B.V. Computer Science Simon Fraser	An automatic wire routing system that refers to a diagram	Individual	11,748	07
Furedy, J.J. Psychology Toronto	A response-learning approach to the control of stress-elicited phasic autonomic changes 3yr - 2nd Inst.	Individual	9,540	12
Furrow, D.R. Psychology Mt. St. Vincent	* Principal investigator F.H.Harrington(Mt. St. Vincent) 3yr - 2nd Inst	Team		12
Fyfe, C.A. Chemistry Guelph	High resolution MAS NMR studies of solids 3yr - 1st Inst.	Individual	58,479	05
Fyfe, W.S. Geology Western Ontario	Chemical transport processes in geological fluids 3yr - 2nd Inst.	Individual	67,840	10
Fyles, T.M. Chemistry Victoria	Functional crown ethers: Binding and membrane transport 2yr - 1st Inst.	Individual	24,917	05
Fyson, W.K. Geology Ottawa	Structural patterns in metamorphic rocks 3yr - 2nd Inst.	Individual	17,490	10
Gabor, G. Math,Stat&Comp Sc Dalhousie	1) Conditionality and robustness 2) Statistical application of data projections 3yr - 2nd Inst.	Individual	4,134	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gagné, J.M. Génie-physique Ecole Polytechnique	Etude par spectroscopie laser d'états excités d'actinides en milieu gazeux: Uranium, Thorium	Individuelle	21,295	15
Gagné, R.R.J. Génie électrique Laval	Système rapide et automatique d'adaptation d'impédance pour une antenne dans un plasma - étude de faisabilité 3ans - 1er vers.	Individuelle	5,936	11
Gagné, S. Génie électrique Laval	Enregistrement et traitement de l'information de signaux électriques 3ans - 1er vers.	Individuelle	18,338	11
Gagnon, M.J. Sci. fondamentales Québec-Chicoutimi	Rôle des résidus ligneux dans le transport des ions métalliques	Individuelle	11,660	10
Gagnon, P. Géodésie/cartog. Laval	Etude de problèmes reliés au positionnement géodésique 3ans - 1er vers.	Individuelle	14,840	06
Gagnon, R. Sci. fondamentales Québec-Chicoutimi	Déplacements de la limite des forêts de mélèze (Larix laricina (DuRoi) K. Koch) et paléoclimatologie holocène du Québec nordique 2ans - 1er vers.	Individuelle	13,780	18
Gaily, T.D. Physics Western Ontario	Molecular beam studies of atomic & molecular structure 3yr - 1st Inst.	Individual	17,755	15
Gaito, J. Psychology York	Interference effects within the kindling paradigm 3yr - 1st Inst.	Individual	6,360	12
Galanis, N. Génie mécanique Sherbrooke	Systèmes de conversion des énergies renouvelables 3ans - 1er vers.	Individuelle	16,324	13
Gale, J.E. Earth Sciences Memorial	Factors controlling the movement of fluids through fractured argillaceous and crystalline rocks 3yr - 3rd Inst.	Individual	24,486	10
Galef, B.G. Psychology McMaster	The rat burrow as information centre 3yr - 1st Inst.	Individual	48,336	12
Galiana, F.D. Electrical Eng. McGill	Power system security analysis, optimization and control 3yr - 1st Inst.	Individual	18,338	11
Galibois, J.F.A. Mines & métallurgie Laval	Etude des phénomènes aux joints de grains (et d'interfaces) dans les aciers 3ans - 1er vers.	Individuelle	31,270	04
Galko, P. Electrical Eng. Ottawa	Investigation of bandwidth efficient modulation schemes 3yr - 1st Inst.	Individual	14,416	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gallagher, G. Sciences pures Québec-Chicoutimi	Utilization of industrial waste water to heat greenhouses * avec J.J.Vonarburg,C.Cholette(Qué.-Chicoutimi) 3ans - 3e vers.	Equipe	12,243	13
Galley, W.C. Chemistry McGill	Triplet state spectroscopy as a probe of biomolecular motions 3yr - 1st Inst.	Individual	21,200	02
Gallo, P.V. Nutrition British Columbia	Prenatal ethanol exposure in the rat: Effects on pituitary-adrenal development 3yr - 2nd Inst.	Individual	10,600	12
Galloway, T.D. Entomology Manitoba	Ecology and host specificity of the squirrel flea, Opisocrostis bruneri 3yr - 2nd Inst.	Individual	10,070	18
Galopin, M. Mécanique Québec - ETS	* Voir E.Boridy(Univ. du Qué.-ETS)	Equipe		13
Galperin, E. Mathématiques Québec-Montréal	Théorie d'observation et d'identification de systèmes dynamiques 3ans - 1er vers.	Individuelle	3,430	16
Gamache, A. Informatique Laval	Algorithmes d'optimisation des requêtes dans les SGBD	Individuelle	7,322	07
Gamble, B.R. Civil Engineering Calgary	Stress-temperature-moisture interactions in concrete materials and structures 3yr - 1st Inst.	Individual	22,260	06
Ganczarczyk, J.J. Civil Engineering Toronto	Modification of ammonia nitrification process 3yr - 3rd Inst.	Individual	16,529	06
Gander, R.E. Electrical Eng. New Brunswick	Multistate myoelectric controls 3yr - 3rd Inst.	Individual	12,243	11
Ganders, F.R. Botany British Columbia	Genetics of adaptive radiation in Bidens section Campylotheca (Asteraceae) 3yr - 3rd Inst.	Individual	34,280	18
Gangloff, P. Géographie Montréal	* Voir A.Bouchard(Montréal) 3ans - 1er vers.	Equipe		18
Ganguly, U.S. Génie électrique Laval	Active circuits digital systems and biomedical instrumentation 3ans - 1er vers.	Individuelle	12,932	11
Ganong, R.A. Mathematics York	Topics in low-dimensional algebraic geometry 3yr - 1st Inst.	Individual	5,200	16
Garbary, J.W.D. Botany British Columbia	Taxonomic and floristic studies on the marine algae in British Columbia 2yr - 1st Inst.	Univ. Research Fellow	19,080	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gardiner, P.F. Physical Education Montréal	Motoneurone influences on the development of the mammalian neuromuscular system 3yr - 2nd Inst.	Individual	15,900	01
Gardner, B. Math/Statistics Memorial	Combinatorial designs 3yr - 3rd Inst.	Individual	2,039	16
Gardner, D.R. Biology Carleton	Electrophysiology of, and effect of various pesticides on, excitable tissue 3yr - 3rd Inst.	Individual	19,222	01
Gardner, G.A. Biology Memorial	Mesoscale variability in coastal zooplankton communities	Individual	13,250	18
Gardner, J.S. Geography Waterloo	Contemporary and recent sediment transfers in a small mountain basin 3yr - 1st Inst.	Individual	18,020	10
Gardner, N.J. Civil Engineering Ottawa	1) Pressure of concrete against formwork 2) Long term deflection of slab structures 3) Concrete technology for hydraulic structures 3yr - 1st Inst.	Individual	22,260	06
Garey, L.E. Math/Comp Science New Brunswick	Algorithm. Analysis for root finding/file location 3yr - 2nd Inst.	Individual	6,116	07
Gargantini, I.A. Computer Science Western Ontario	Decomposition and storage of digital images	Individual	13,078	07
Gargour, C.S. Electrical Eng. Concordia	SC filter design and applications; 1D and 2D signal processing	Individual	13,780	11
Garner, C.W.L. Math/Statistics Carleton	Finite analogues of classical planes; systematically designed polycrosses; cryptography 3yr - 2nd Inst.	Individual	3,294	16
Garrett, C.J.R. Oceanography Dalhousie	Physical oceanography 3yr - 3rd Inst.	Individual	44,075	10
Garrison, R.F. Astronomy Toronto	Stellar spectral classification 3yr - 2nd Inst.	Individual	24,380	17
Garside, B.K. Eng. Physics McMaster	Lasers and associated electro-optical devices 3yr - 2nd Inst.	Individual	37,778	15
Garside, E.T. Biology Dalhousie	Reactions of fish to developmental and other metabolic stresses induced by pollutants and natural environmental variables. Structural and behavioural analyses in fishes	Individual	8,896	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gartshore, I.S. Mechanical Eng. British Columbia	Wind engineering and turbulent shear flow research 3yr - 1st Inst.	Individual	23,956	13
Gaskill, H.S. Math/Statistics Memorial	Sea ice and iceberg motion	Individual	3,000	10
Gaskin, D.E. Zoology Guelph	Ecology & biology of Cetacea & other upper trophic level animals in eastern N. Atlantic waters; their interactions with one another and prey species 3yr - 2nd Inst.	Individual	48,760	18
Gaskin, P.N. Civil Engineering Queen's	Frost heave and thaw weakening of soils	Individual	11,660	06
Gass, C.L. Zoology British Columbia	Behavioural energetics of hummingbirds	Individual	26,500	18
Gatehouse, R.W. Psychology Guelph	* Refer to E.D.Bailey(Guelph) 3yr - 1st Inst.	Team		01
Gates, E.M. Mechanical Eng. Alberta	Water droplet trajectories 3yr - 1st Inst.	Individual	14,310	13
Gates, M.A. Zoology Toronto	Quantitative analyses of evolutionary processes in populations of ciliates 2yr - 1st Inst.	Univ. Research Fellow	19,080	18
Gaucher, G.M. Chemistry Calgary	Molecular basis of secondary metabolite (antibiotic) biosynthesis in fungi 3yr - 3rd Inst.	Individual	29,383	02
Gaudry, M. Ctr rech. transports Montréal	Functional form and the use of transportation modes 3ans - 1er vers.	Individuelle	21,200	20
Gaunt, P. Physics Manitoba	The origin of magnetic hardening in alloys and compounds 3yr - 1st Inst.	Individual	24,094	15
Gauthier, G. Sciences pures Québec-Chicoutimi	ANR approximatifs et le théorème des points f,ixes de Lefschetz 3ans - 3e vers.	Individuelle	1,959	16
Gauthier, M. Sciences de la terre Québec-Montréal	Gîtologie et métallogénie des métaux usuels au Québec 2ans - 1er vers.	Individuelle	11,660	10
Gauthier, P.M. Math/statistiques Montréal	Approximation uniforme analytique 3ans - 2e vers.	Individuelle	18,825	16
Gautrin, H.F. Math/statistiques Montréal	Etude de certaines transformées de Backlund	Individuelle	1,470	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gauvin, J. Mathématiques appl. Ecole Polytechnique	Programmation mathématique non convexe et modélisation 3ans - 1er vers.	Individuelle	14,061	07
Gauvin, R. Mécanique Ecole Polytechnique	Caractérisation mécanique des plastiques et étude d'éléments de machines * avec J.P.Chalifoux, H.Yelle(Ecole Poly.) 3ans - 2e vers.	Equipe	46,534	13
Gauvin, W.H. Chemical Eng. McGill	Applications of plasma technology to high temperature processes 3yr - 1st Inst.	Individual	27,984	04
Gauvreau, D. INRS-Santé Québec - INRS	Purification et caractérisation des corps amylacés obtenus de cerveaux âgés 2ans - 1er vers.	Individuelle	19,080	02
Gay, I.D. Chemistry Simon Fraser	Adsorption and heterogeneous catalysis 3yr - 3rd Inst.	Individual	7,958	05
Gecsei, J. Infor. & rech opér. Montréal	1) Conception et réalisation des systèmes télématiques (Videotex) 2) Design des systèmes VLSI 3ans - 1er vers.	Individuelle	24,759	07
Gedamu, L. Chemistry Calgary	Biochemical analysis of heavy metal induced gene expression in eukaryotes 2yr - 1st Inst.	Univ. Research Fellow	21,200	02
Geddes, K.O. Computer Science Waterloo	Design of algorithms and systems for symbolic and symbolic/numeric computation 3yr - 2nd Inst.	Individual	26,542	07
Gee, J.H. Zoology Manitoba	Buoyancy regulation and its ecological implications in fishes 3yr - 1st Inst.	Individual	31,800	18
Geen, G.H. Biolog. Sciences Simon Fraser	Ecology and toxicology of salmonids and freshwater invertebrates 3yr - 3rd Inst.	Individual	33,056	18
Gehr, R. Civ Eng/App Mech McGill	Polyelectrolyte use and persistence in water and wastewater treatment 3yr - 3rd Inst.	Individual	11,019	06
Geissinger, H.D. Biomed Sciences Guelph	Correlated surface and interior ultrastructure of striated muscle and endometrium under experimental conditions	Individual	18,780	01
Geist, V. Environmetal Sci. Calgary	Behaviour, ecology and evolution of cervidae/heart-rate telemetry 3yr - 2nd Inst.	Individual	31,800	01
Geldart, D.J.W. Physics Dalhousie	Transport properties, critical phenomena, surface physics and properties of inhomogeneous many-particle systems 3yr - 1st Inst.	Individual	33,920	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gelinas, L. Géologie Montréal	Géochimie et pétrogénèse des empilements volcaniques de l'Archéen en relation avec les gisements de sulfures massifs 3ans - 1er vers.	Individuelle	35,163	10
Gentleman, J.F. Statistics Waterloo	Detecting outliers and points of high leverage in data from linear models 3yr - 3rd Inst.	Individual	11,171	14
Gentleman, W.M. Computer Science Waterloo	1) Studies in computer program structure 2) Development of numerical techniques for statistics 3yr - 3rd Inst.	Individual	39,178	07
Gentry, P.A. Biomed Sciences Guelph	Pathogenesis of Mycotoxins in domestic animals 3yr - 3rd Inst.	Individual	19,344	01
Gentry, R.D. Math/Statistics Guelph	Mathematical modeling of the tissue factor pathway in blood coagulation: Parameter identification and observability in pharmcodynamics; toxic risk assessment 3yr - 1st Inst.	Individual	5,470	16
Georganas, N.D. Electrical Eng. Ottawa	Large scale voice and data networks and systems 3yr - 1st Inst.	Individual	31,588	11
George, J.A. Computer Science Waterloo	Direct methods for solving large sparse linear algebraic systems 3yr - 2nd Inst.	Individual	45,728	07
George, J.C. Zoology Guelph	Studies in biological organization - Structural and metabolic adaptations 3yr - 1st Inst.	Individual	49,421	01
George, R.E. Computer Science Calgary	Study of the impact of software tools on programmer productivity	Individual	9,705	07
Geraci, J.R. Pathology Guelph	Factors underlying natural mortality in marine mammals 3yr - 2nd Inst.	Individual	21,942	01
Geramita, A.V. Math/Statistics Queen's	Commutative algebra and algebraic geometry 3yr - 3rd Inst.	Individual	11,425	16
Geramita, J.M. Math/Statistics Queen's	Investigation of a non-linear population model 3yr - 3rd Inst.	Individual	2,380	16
Gerard, R. Civil Engineering Alberta	River ice processes 3yr - 2nd Inst.	Individual	18,020	06
Gerchak, Y. Management Sciences Waterloo	Stochastic models of manpower flows in organizations 3yr - 2nd Inst.	Individual	3,498	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gerhard, J.A. Mathematics Manitoba	Varieties of semigroups 3yr - 3rd Inst.	Individual	5,712	16
Germida, J.J. Soil Science Saskatchewan	Biological oxidation of sulfur in sulfur-deficient soils of Saskatchewan 3yr - 2nd Inst.	Individual	16,960	03
Gerry, M.C.L. Chemistry British Columbia	Microwave spectroscopy of gases 3yr - 2nd Inst.	Individual	38,690	05
Gervais, J.J. Mathématiques Laval	Stabilité des fonctions différentiables 3ans - 3e vers.	Individuelle	1,428	16
Gervais, Y. Génie électrique Ecole Polytechnique	La haute tension: Mécanismes de claquages et techniques de mesure 3ans - 3e vers.	Individuelle	9,183	11
Gesing, W.S. Electrical Eng. Toronto	Numerical techniques in system simulation, design and control	Univ. Research Fellow	5,903	11
Geurts, M.A. Géographie Ottawa	Palynostratigraphie et variations climatiques tardiglaciaires et postglaciaires 2ans - 2e vers.	Individuelle	12,190	10
Ghali, A. Civil Engineering Calgary	1) Shear strength of flat slabs 2) Bridge analysis and design 3) Creep effects on concrete structures 3yr - 2nd Inst.	Individual	37,100	06
Ghali, E.L. Mines & métallurgie Laval	Hydrométallurgie et électrodissolution des sulfures métalliques 3ans - 1er vers.	Individuelle	20,458	04
Ghent, E.D. Geology & Geophys. Calgary	Geochemical and petrologic study of metamorphism and diagenesis 3yr - 2nd Inst.	Individual	26,394	10
Ghisa, D.G. Physique/math Moncton	Mesures et ensembles aléatoires, approche fonctional-théorique et modèles 3ans - 2e vers.	Individuelle	1,942	16
Ghista, D. Mechanical Eng. McMaster	Biomechanical engineering analyses & design(of cardiac & orthopaedic assessment & rehabilitation procedures & devices) 3yr - 2nd Inst.	Individual	37,100	21
Ghobarah, A.A. Civil Engineering McMaster	Earthquake resistant design of equipment 3yr - 1st Inst.	Individual	12,720	06
Ghosh, S.K. Photogrammetry Laval	Research in photogrammetry 3yr - 1st Inst.	Individual	22,154	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ghoussoub, N. Mathematics British Columbia	Martingale methods in analysis 3yr - 1st Inst.	Individual	11,759	16
Ghurye, S.G. Mathematics Alberta	Problems in applied mathematical statistics 3yr - 3rd Inst.	Individual	9,335	14
Gibbins, A.M. Biomed Sciences Guelph	Estrogen-induced vitellogenesis in Japanese quail 3yr - 2nd Inst.	Univ. Research Fellow	27,560	02
Gibbs, S.P. Biology McGill	How proteins enter chloroplasts in algae with chloroplast ER 3yr - 2nd Inst.	Individual	40,280	02
Gibling, M.R. Geology Dalhousie	Coal, oil shale and hydrocarbon resources of Atlantic Canada	Individual	8,480	10
Gibson, I.L. Earth Sciences Waterloo	Petrological and ore-forming processes in extensional regimes 3yr - 2nd Inst.	Individual	21,200	10
Gibson, L.J. Civil Engineering British Columbia	Optimization of sandwich panels 3yr - 1st Inst.	Individual	14,840	06
Gibson, M.S. Chemistry Brock	Studies in synthesis and complexation 3yr - 1st Inst.	Individual	7,420	05
Gibson, R.S. Family Studies Guelph	Trace elements in human nutrition 3yr - 2nd Inst.	Individual	11,660	01
Gicquaud, C.R. Chimie - biologie Qué.-Trois-Riv.	Recherche des structures contractiles des cellules amiboïdes 3ans - 2e vers.	Individuelle	18,020	02
Gien, T.T. Physics Memorial	Atomic and molecular scatterings 3yr - 1st Inst.	Individual	15,900	15
Gilbert, A.F. Chemical Eng. Lakehead	By-product chemicals from the pyrolysis of a Kraft black liquor * with D.F.Cooper(Lakehead) 3yr - 2nd Inst.	Team	18,020	04
Gilbert, R. Génie industriel Ecole Polytechnique	Etude ergonomique de la manutention dans la livraison 3ans - 2e vers.	Individuelle	10,600	20
Gilbert, R. Geography Queen's	Glaciomarine sedimentary processes in Arctic fiords 2yr - 2nd Inst.	Individual	8,480	10
Gildenhuys, D. Mathematics McGill	Group theory, homological methods in group theory, solvable groups 3yr - 3rd Inst.	Individual	8,570	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Giles, F.R. Computer Science Acadia	Computers and combinatorial optimization	Individual	9,415	07
Giles, R. Math/Statistics Queen's	Foundations of physics, with applications 3yr - 1st Inst.	Individual	8,819	16
Gilkie, R.C. Civil Engineering Tech. Univ. N.S.	* Refer to L.T.Russell(T.U.N.S.)	Team		13
Gill, D.E. Génie minéral Ecole Polytechnique	Le poinçonnement des roches en place 2ans - 2e vers.	Individuelle	13,780	10
Gill, D.R. TRIUMF British Columbia	* Refer to Y.M.Shin(Saskatchewan)	Project		22
Gill, D.R. TRIUMF British Columbia	* Refer to R.R.Johnson(British Columbia)	Project		22
Gill, T.A. Fish. Res. & Tech. Tech. Univ. N.S.	Further studies on protein changes in frozen fish muscle 3yr - 1st Inst.	Individual	12,121	01
Gille, J.C. Génie électrique Laval	Théorie de la commande et applications: Systèmes multidimensionnels, systèmes évolutifs 3ans - 1er vers.	Individuelle	8,162	11
Gillespie, R.J. Chemistry McMaster	Inorganic chemistry of the main group elements 3yr - 2nd Inst.	Individual	101,760	05
Gillespie, T.J. Land Resource Sc Guelph	Estimation of surface wetness duration from weather data for pest management 3yr - 3rd Inst.	Individual	9,794	03
Gillham, R.W. Earth Sciences Waterloo	Implications of the capillary fringe in the hydraulic and geochemical interactions of groundwater and surface water 3yr - 3rd Inst.	Individual	17,753	10
Gilligan, B.C. Math/Statistics Regina	Complex homogeneous manifolds 3yr - 2nd Inst.	Individual	4,236	16
Gillott, C. Biology Saskatchewan	Reproductive physiology of insects 3yr - 1st Inst.	Individual	24,241	01
Gillott, J.E. Civil Engineering Calgary	Role of microstructure and composition in strength and durability of building materials and soils 3yr - 1st Inst.	Individual	50,880	06
Gilmore, P.C. Computer Science British Columbia	Information systems analysis and data base design 3yr - 2nd Inst.	Individual	28,376	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gilmour, T.H. Biology Saskatchewan	Food-collecting and waste-rejecting systems in lophophorates and the evolution of gill slits in chordates 3yr - 2nd Inst.	Individual	3,180	01
Gingras, G. Biochimie Montréal	La chaîne de transport d'électrons des bactéries photosynthétiques 3ans - 3e vers.	Individuelle	40,402	02
Ginsburg, J.N. Mathematics Winnipeg	Research in set-theoretic topology and ordered sets 3yr - 1st Inst.	Individual	4,000	16
Girard, A. INRS-Télécom. Québec - INRS	Algorithmes de dimensionnement des réseaux à commutation de circuits 3ans - 1er vers.	Individuelle	11,554	11
Giri, N.C. Math/statistiques Montréal	Multivariate optimum tests and confidence regions 3ans - 1er vers.	Individuelle	11,812	14
Girouard, F.E. Physique/math Moncton	Propriétés optiques des couches minces et des solides 3ans - 1er vers.	Individuelle	9,487	15
Girouard, Y. Sci l'activité phys Qué.-Trois-Riv.	L'attention requise par l'organisation et l'exécution du mouvement chez l'humain 3ans - 2e vers.	Individuelle	4,770	12
Giroux, A. Math/statistiques Montréal	Approximation de fonctions multivoques 3ans - 2e vers.	Individuelle	3,294	16
Giroux, G. Math/informatique Sherbrooke	Applications de la théorie de l'information aux processus d'interactions de particules 3ans - 2e vers.	Individuelle	1,412	16
Gittins, J. Geology Toronto	Petrogenesis of alkalic rocks and carbonatites, related ores and the underlying mantle 3yr - 1st Inst.	Individual	37,630	10
Gladwell, G.M.L. Civil Engineering Waterloo	Analysis of some contact problems and solution of integral equations/inverse problems in mechanics 3yr - 2nd Inst.	Individual	25,440	13
Glanville, J.I. Civil Engineering Manitoba	Structural implications of climatic thermal effects in masonry buildings 3yr - 3rd Inst.	Individual	11,019	06
Glasgow, J.I. Comp. & Info. Sc. Queen's	Functional languages: Semantics and verification	Individual	8,480	07
Glaspey, J.W. Physique Montréal	Propriétés physiques des amas ouverts 3ans - 1er vers.	Individuelle	9,540	17

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Glass, A.D. Botany British Columbia	The regulation of ion transport in plants 3yr - 2nd Inst.	Individual	37,100	03
Glass, E.N. Physics Windsor	Investigations in general relativity and relativistic astrophysics 3yr - 2nd Inst.	Individual	15,402	17
Glass, I.I. Aerospace Studies Toronto	Shock-wave, implosion, and dusty-gas dynamics 3yr - 2nd Inst.	Individual	52,152	13
Glass, L.M. Physiology McGill	* Principal investigator M.C.Mackey(McGill) 3yr - 2nd Inst.	Team		01
Glavin, G.B. Psychology Winnipeg	Psychological factors in experimental ulcer production and healing in rats 3yr - 2nd Inst.	Individual	8,480	12
Gledhill, N. Physical Education York	Limiting factors in maximal performance 3yr - 2nd Inst.	Individual	12,720	01
Glick, B.R. Biology Waterloo	Genetic manipulation for the enhancement of photosynthesis and nitrogen fixation	Individual	21,200	02
Glick, F.P. Statistics British Columbia	Statistics, pattern recognition, and probability models 3yr - 1st Inst.	Individual	2,148	14
Globus, M. Biology Waterloo	Neural and ectodermal control of limb regeneration 3yr - 3rd Inst.	Individual	27,424	01
Glockner, P.G. Mechanical Eng. Calgary	Linear and non-linear behaviour of plate, shell and membrane structures and their use in housing, commercial and industrial construction 3yr - 2nd Inst.	Individual	34,450	06
Glyde, H.R. Physics Ottawa	Dynamics of solids and liquids 2yr - 2nd Inst.	Individual	26,129	15
Godambe, V.P. Statistics Waterloo	Foundations of statistical inference and survey sampling 3yr - 1st Inst.	Individual	22,549	14
Godbout, P. Inst de génie nucl. Ecole Polytechnique	Modélisation, simulation et évaluation des modes de défaillances structurales d'enceintes de réacteurs nucléaires en régime séismique 3ans - 1er vers.	Individuelle	11,660	06
Godin, C. Biochimie Laval	* Chercheur principal G.Lemieux(Laval) 3ans - 2e vers.	Equipe		02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Godin, J.G.J. Biology Mount Allison	Effects of some ecological factors on the feeding behaviour and territorial defense of juvenile Atlantic salmon 3yr - 3rd Inst.	Individual	18,365	18
Godsil, C.D. Mathematics Simon Fraser	Problems in algebraic graph theory 3yr - 2nd Inst.	Individual	4,236	16
Godwin, C.I. Geological Sciences British Columbia	Application of galena and rock lead isotope analyses to metallogeny of the Canadian Cordillera 3yr - 1st Inst.	Individual	11,660	10
Goff, A.K. Vet. Medicine Montréal	Bovine and equine embryos: biosynthetic capabilities in relation to attachment and embryonic mortality 3yr - 2nd Inst.	Individual	15,900	01
Goffin, J.L. Fac. of Management McGill	Méthodes de programmation mathématique basées sur les techniques de relaxation 3yr - 1st Inst.	Individual	13,078	07
Gogan, N.J. Chemistry Memorial	Synthetic and electron distribution studies of organotransition metal compounds and intermediates 3yr - 3rd Inst.	Individual	11,019	05
Goldak, J.A. Mech. & Aeronaut. Carleton	Numerical analysis of welds 3yr - 1st Inst.	Individual	19,822	04
Goldberg, H.M. Business Admin. Alberta	* Principal investigator T.E.Daniel(Alberta) 3yr - 2nd Inst.	Team		20
Goldberg, M. Electrical Eng. Ottawa	Image processing and pattern recognition 3yr - 1st Inst.	Individual	17,066	11
Goldberg, S.I. Math/Statistics Queen's	Harmonic mappings and differential geometry 3yr - 2nd Inst.	Individual	8,472	16
Goldenberg, A. Mechanical Eng. Toronto	Control systems theory with applications to design of electro-mechanical industrial processes 3yr - 3rd Inst.	Individual	12,243	11
Goldfarb, L. Computer Science New Brunswick	A new approach to data analysis	Individual	10,000	07
Goldie, A.H. Microbiology Saskatchewan	Construction of a hybrid transposon containing a Lac promotor and use of this transposon to increase the expression of the food processing enzyme, glucose isomerase 3yr - 1st Inst.	Individual	23,320	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Golding, J.A. Chemical Eng. Ottawa	Solvent extraction for metals recovery/flow reactor simulation 3yr - 3rd Inst.	Individual	11,508	04
Goldman, S. Chemistry Guelph	Theoretical studies on the equilibrium properties of dense liquids and solutions 3yr - 2nd Inst.	Individual	26,500	05
Goldstein, M.I. Math/statistiques Montréal	Théorèmes limites et estimation en processus de branchement 3ans - 2e vers.	Individuelle	6,996	14
Goldstein, N.J. Mathematics British Columbia	The geometry of ampleness and compact quotients of complex semisimple Lie groups 3yr - 1st Inst.	Univ. Research Fellow	4,000	16
Goldstein, S.R. Psychology Lakehead	Schedule control of dispersion patterns 3yr - 1st Inst.	Individual	3,180	12
Gole, A. Electrical Eng. Manitoba	Digital simulation of electrical energy systems 2yr - 1st Inst.	Individual	13,409	11
Gonnet, G.H. Computer Science Waterloo	Algorithms and data structures applied to databases and symbolic manipulation 3yr - 1st Inst.	Individual	26,956	07
Goodaire, E.G. Math/Statistics Memorial	Alternative loop rings 3yr - 1st Inst.	Individual	6,000	16
Goodale, M.A. Psychology Western Ontario	Neural bases of visually guided behavior 3yr - 3rd Inst.	Individual	24,486	12
Goodchild, M.F. Geography Western Ontario	Generalization and error in cartography and geographical data processing 3yr - 2nd Inst.	Individual	9,699	10
Gooding, R.H. Entomology Alberta	Biology of the salmon mutant of the tsetse fly Glossina morsitans morsitans 3yr - 3rd Inst.	Individual	32,444	01
Goodings, J.M. Chemistry York	Ionization in flames 3yr - 3rd Inst.	Individual	11,631	05
Goodman, D. Kinesiology Simon Fraser	Phase relationship of movement initiation to underlying oscillation- involuntary and voluntary 3yr - 2nd Inst.	Individual	7,420	12
Goodman, E.D. Electricité Québec - ETS	Calcul et mesure des couples oscillatoires des machines électriques * avec G.Joos(Ecole de technologie supérieure) 3ans - 1er vers.	Equipe	15,370	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Goodman, F.O. Applied Math. Waterloo	1) Gas-surface interactions 2) Blood-flow mechanics 3yr - 2nd Inst.	Individual	23,585	15
Goodwin, A.M. Geology Toronto	Archean volcanic petrogenesis and early crustal growth 3yr - 2nd Inst.	Individual	21,200	10
Goosen, M.F.A. Chem Eng/App Chem Toronto	Thromboresistant materials: Heparinized dacron and teflon 3yr - 1st Inst.	Individual	13,780	04
Gordon, J.K. Microbiology British Columbia	The role of NH4 + transport in regulation of nitrogen fixation 3yr - 2nd Inst.	Individual	11,660	03
Gordon, R. Biology Memorial	Host-parasite relations and in vitro culture of mermithid parasites 3yr - 3rd Inst.	Individual	21,671	01
Gordon, R. Pathology Manitoba	* Refer to R.M.Rangayyan(Manitoba) 3yr - 1st Inst.	Team		11
Gordon, R.D. Chemistry Queen's	Electronic spectra 3yr - 3rd Inst.	Individual	11,019	05
Goresky, R.M. Mathematics British Columbia	Topology of singular varieties 3yr - 2nd Inst.	Individual	7,844	16
Goring, D.A.I. Chemistry McGill	The chemistry and morphology of wood and wood pulps 3yr - 2nd Inst.	Individual	10,600	05
Gorman, D.J. Mechanical Eng. Ottawa	Flow induced vibration of tube bundles and free vibration analysis of plates of various geometries 3yr - 3rd Inst.	Individual	24,486	13
Gorton, M.P. Geology Toronto	Geochemical study of rocks from East Greenland 2yr - 1st Inst.	Individual	10,600	10
Gorzalka, B. Psychology British Columbia	Hormonal and environmental determinants of reproductive behavior 3yr - 2nd Inst.	Individual	22,260	12
Gosline, J.M. Zoology British Columbia	The structure and mechanical properties of elastin and other elastic biomaterials 3yr - 1st Inst.	Individual	31,800	02
Gotlieb, C.C. Computer Science Toronto	File structures and data bases; economics of computers 3yr - 2nd Inst.	Individual	46,392	07
Gottlieb, J.J. Aerospace Studies Toronto	Unsteady gasdynamics and shock-wave phenomena 2yr - 1st Inst.	Univ. Research Fellow	14,840	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Goud, P.A. Electrical Eng. Alberta	Optical communications: Techniques for high quality transmission 3yr - 1st Inst.	Individual	15,370	11
Gough, D.I. Physics Alberta	Magnetometer array studies and paleomagnetism 3yr - 2nd Inst.	Individual	50,880	10
Gough, T.E. Chemistry Waterloo	Laser spectroscopy of molecular beams 3yr - 1st Inst.	Individual	27,209	05
Goulard, B. Physique Montréal	Courants faibles et électromagnétiques dans les noyaux 3ans - 2e vers.	Individuelle	25,207	15
Gould, N.I.M. Combin./Optimiz. Waterloo	Efficient, numerically stable sub-optimization methods for non-linear programming	Individual	3,180	16
Goulden, I.P. Combin./Optimiz. Waterloo	Mathematical and computational aspects of combinatorial enumeration 2yr - 1st Inst.	Univ. Research Fellow	10,600	16
Goulter, I.C. Civil Engineering Manitoba	Alternative flood damage reduction measures on small rural watersheds - Development and implementation 3yr - 1st Inst.	Individual	11,660	06
Gourishankar, V. Electrical Eng. Alberta	1) Minimum sensitivity controller design 2) Stochastic identification	Individual	17,172	11
Govind, C.K. Life Sciences Toronto	Life strategies of identifiable lobster neuromuscular synapses 3yr - 2nd Inst.	Individual	39,750	01
Gow, J.A. Biology Memorial	Physiology and systematics of cold ocean bacteria	Individual	8,480	18
Gower, A.C. Physics Victoria	High-resolution radio studies of low-redshift quasars and radiogalaxies	Individual	5,700	17
Gowrisankaran, K. Mathematics McGill	Potential theory and several complex variables 3yr - 3rd Inst.	Individual	5,712	16
Goyal, P. Computer Science Concordia	Free text storage and retrieval using text fragments	Individual	11,147	07
Grace, J.R. Chemical Eng. British Columbia	Studies on fluidized beds and related particulate systems 3yr - 1st Inst.	Individual	46,253	04
Gracovetsky, S. Electrical Eng. Concordia	The neuro muscular control theory of the lumbar spine	Individual	8,798	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Graf, P. Psychology Toronto	Representational effects of integrative processing 3yr - 1st Inst.	Univ. Research Fellow	14,840	12
Graham, A.D. Animal Science Manitoba	Hormonal control of growth and lactation 3yr - 1st Inst.	Individual	15,900	01
Graham, G.A.C. Mathematics Simon Fraser	Solution of certain elastic and viscoelastic stress analysis problems 3yr - 1st Inst.	Individual	15,678	16
Graham, G.M. Physics Toronto	Superfluids; electromagnetism 3yr - 1st Inst.	Individual	26,000	15
Graham, G.S. Computer Science Toronto	Analytic and measurement approaches to computer system performance 3yr - 1st Inst.	Individual	17,316	07
Graham, I.R. Mathematics Toronto	Complex function theory in several variables and biholomorphic mappings 3yr - 3rd Inst.	Individual	5,712	16
Graham, J. Civil Engineering Manitoba	Effects of stress release and sampling disturbance on the engineering properties of offshore clays 3yr - 1st Inst.	Individual	15,370	06
Graham, J.E. Math/Statistics Carleton	Sampling on two occasions with unequal selection probabilities 3yr - 1st Inst.	Individual	3,000	14
Graham, J.W. Mechanical Eng. Tech. Univ. N.S.	Fluid power control applied to floating platforms utilized for wave energy extraction 3yr - 3rd Inst.	Individual	10,407	13
Graham, T.E. Human Kinetics Guelph	The effects of acid-base status on muscle metabolism 3yr - 2nd Inst.	Individual	16,430	01
Graham, W.A.G. Chemistry Alberta	Organometallic chemistry and metal-metal bonding 3yr - 1st Inst.	Individual	68,213	05
Granas, A. Math/statistiques Montréal	Méthodes topologiques en analyse non linéaire 3ans - 3e vers.	Individuelle	33,323	16
Grandmaison, E.W. Chemical Eng. Queen's	Dryforming technology / Turbulent mixing 3yr - 1st Inst.	Individual	13,780	04
Granirer, E.E. Mathematics British Columbia	Geometric properties of Banach spaces and applications to noncommutative harmonic analysis 3yr - 1st Inst.	Individual	11,759	16
Granot, D. Management Sciences British Columbia	On achieving equity in locational models 3yr - 1st Inst.	Individual	15,948	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Granot, F. Management Sciences British Columbia	Substitutes and complements in network flows 3yr - 1st Inst.	Individual	15,948	07
Grant, D.L. Math./Natural Sci. Cape Breton	Precompactness and minimality in topological groups 3yr - 1st Inst.	Individual	2,000	16
Grant, D.R. Chem & Chem Eng. Saskatchewan	Wheat flour proteins 3yr - 3rd Inst.	Individual	8,570	03
Grant, D.S. Psychology Alberta	Short-term memory in animals 3yr - 2nd Inst.	Individual	20,140	12
Grant, W.F. Plant Science Macdonald Coll.	Cytogenetic studies on Lotus (Leguminosae) and environmental chemicals 3yr - 1st Inst.	Individual	25,057	03
Grassmann, W.K. Computer Science Saskatchewan	Numerical methods for queueing theory 3yr - 3rd Inst.	Individual	11,631	07
Gratzer, G.A. Mathematics Manitoba	Universal algebra and lattice theory 3yr - 3rd Inst.	Individual	23,801	16
Grauer, R.R. Economics Simon Fraser	Sensitivity analysis for mean variance portfolio selection 3yr - 2nd Inst.	Individual	4,766	16
Gravel, D. Chimie Montréal	1) Photochimie des composes heterocycliques et carbocycliques 2) Synthese en serie alicyclique 2ans - 1er vers.	Individuelle	18,199	05
Gravelle, D.V. Génie chimique Sherbrooke	Application des plasmas à la synthèse chimique 3ans - 2e vers.	Individuelle	11,130	04
Gravenor, C.P. Geology Windsor	Pleistocene and pre-pleistocene glaciomarine sedimentation 3yr - 1st Inst.	Individual	18,020	10
Gray, C.G. Physics Guelph	Theory and computer simulation studies of molecular fluids 3yr - 2nd Inst.	Individual	28,938	15
Gray, D.F. Astronomy Western Ontario	Nonthermal phenomena in stellar atmospheres 3yr - 1st Inst.	Individual	27,030	17
Gray, D.G. Chemistry McGill	New liquid-crystalline cellulose derivatives 3yr - 2nd Inst.	Individual	13,780	05
Gray, D.M. Agricult. Eng. Saskatchewan	Simulation of hydrological processes	Individual	12,720	10
Gray, J. Physics Alberta	Stable isotope studies of fluid inclusions in minerals	Individual	3,180	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gray, J.T. Geography Montréal	Permafrost studies & geothermal modelling in Northern Quebec & Gaspésie 3yr - 2nd Inst.	Individual	19,080	10
Gray, M.W. Biochemistry Dalhousie	Organization and evolution of eukaryotic ribosomal RNA genes 3yr - 2nd Inst.	Individual	13,780	02
Gray, R.J. Civil Engineering British Columbia	Mechanical properties and behaviour of fibre-reinforced cementitious materials 3yr - 1st Inst.	Individual	11,660	06
Graydon, W.F. Chem Eng/App Chem Toronto	Interface kinetics 3yr - 3rd Inst.	Individual	29,873	04
Greedan, J.E. Chemistry McMaster	Structure - property relationships in inorganic solids - rare earth and transition metal compounds 2yr - 1st Inst.	Individual	35,689	05
Green, B.R. Botany British Columbia	Isolation of photosystem II reaction centre and its relationship to the chlorophyll-protein complexes 3yr - 2nd Inst.	Individual	37,100	03
Green, H.J. Kinesiology Waterloo	Human skeletal muscle - metabolic, histochemical and functional adaptability 3yr - 3rd Inst.	Individual	12,121	01
Green, J.M. Biology Memorial	Behavioral ecology of marine fishes 3yr - 1st Inst.	Individual	16,960	18
Green, R. Civil Engineering Waterloo	Strength and serviceability - structural systems 3yr - 3rd Inst.	Individual	23,874	06
Green, R.H. Zoology Western Ontario	Quantitative studies of benthic populations and communities 3yr - 1st Inst.	Individual	24,013	18
Greenhouse, J.P. Earth Sciences Waterloo	Geophysical mapping of contaminant plumes 3yr - 2nd Inst.	Individual	4,240	10
Greeniaus, L.G. Physics Alberta	IEP-O - TRIUMF users group	Project	21,000	22
Greeniaus, L.G. Physics Alberta	* Refer to G.Roy(Alberta)	Project		22
Greeniaus, L.G. Physics Alberta	* Refer to D.A.Hutcheon(Alberta)	Project		22
Greeniaus, L.G. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Greeniaus, L.G. Physics Alberta	* Refer to R.Abegg(Alberta)	Project		22
Greeniaus, L.G. Physics Alberta	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
Greenwood, B. Geography Toronto	Coastal hydrodynamics and sedimentation 3yr - 3rd Inst.	Individual	23,262	10
Greenwood, D.D. Audiology/Speech British Columbia	Studies of auditory masking and the intensitive DL 3yr - 1st Inst.	Individual	11,130	12
Greenwood, H.J. Geological Sciences British Columbia	Geological phase equilibrium studies 3yr - 1st Inst.	Individual	48,760	10
Greenwood, P.E. Mathematics British Columbia	Properties of stochastic processes 3yr - 2nd Inst.	Individual	14,872	14
Gregory, B. Chemistry Memorial	Synthesis of potentially pharmacologically-active compounds 3yr - 3rd Inst.	Individual	12,243	05
Gregory, B.C. INRS - Energie Québec - INRS	Etude d'impuretés dans les plasmas à l'aide de la spectroscopie UV et UV sous vide 3ans - 3e vers.	Individuelle	36,350	15
Gregory, D.A. Math/Statistics Queen's	Zero-one matrices 3yr - 3rd Inst.	Individual	2,380	16
Gregory, G.A. Chemical/Pet. Eng. Calgary	Multiphase gas-liquid flow in pipes 2yr - 2nd Inst.	Individual	21,518	04
Gregory, J.B. Physics Saskatchewan	Variable solar influences on atmospheric circulation	Individual	3,050	17
Gregory, K.F. Microbiology Guelph	1) B. subtilis as a cloning host; 2) Microbial protein from potato waste	Individual	12,000	02
Gregory, P.C. Physics British Columbia	Radio patrol of the northern milky way: A survey for variable radio sources 3yr - 1st Inst.	Individual	28,620	17
Gregory, P.T. Biology Victoria	1) Limiting factors on the distribution and abundance of temperate zone snakes 2) Experimental tests of life history evolution 3yr - 1st Inst.	Individual	22,427	18
Grein, F. Chemistry New Brunswick	Structural and spectral studies on molecules by quantum mechanical methods 3yr - 1st Inst.	Individual	38,339	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Greiner, P.C. Mathematics Toronto	Hypo-elliptic differential operators 3yr - 3rd Inst.	Individual	28,564	16
Grenier, G. Biologie Sherbrooke	* Chercheur principal G.Beaumont(Sherbrooke) 3ans - 3e vers.	Equipe		03
Gresser, M.J. Chemistry Simon Fraser	The mechanism of oxidative phosphorylation	Individual	19,080	05
Greub, W.H. Mathematics Toronto	Spin structures 3yr - 3rd Inst.	Individual	3,333	16
Greyson, R.I. Plant Science Western Ontario	In vitro culture of Zea inflorescences 3yr - 1st Inst.	Individual	44,137	03
Gribble, J.D. Math.Stat&Comp Sc Dalhousie	1) Fully symmetric quadrature formulas for simplices 2) Bibliography of quadrature formula publications 3yr - 3rd Inst.	Individual	1,428	16
Grierson, D.E. Civil Engineering Waterloo	Analysis and design of structures under extreme conditions 3yr - 3rd Inst.	Individual	18,977	06
Grieve, D.G. Animal/Poultry Sc. Guelph	Effects of body condition and energy intake prepartum on postpartum response of dairy cows 3yr - 2nd Inst.	Individual	14,840	01
Griffin, A. Physics Toronto	Dynamics of Bose fluids and one-dimensional metals 3yr - 1st Inst.	Individual	26,383	15
Griffiths, A.J.F. Botany British Columbia	Genetic studies in Neurospora	Individual	18,868	02
Grigliatti, T.A. Zoology British Columbia	* Principal investigator D.T.Suzuki(B.C.) 3yr - 2nd Inst.	Team		02
Grill, E.V. Oceanography British Columbia	The geochemistry of trace heavy metals in marine waters and sediments 2yr - 1st Inst.	Individual	10,600	10
Grindlay, J. Physics Waterloo	Elastic dielectric 3yr - 1st Inst.	Individual	18,243	15
Grindley, T.B. Chemistry Dalhousie	Synthesis and conformational studies of oxygen-containing organic compounds 3yr - 2nd Inst.	Individual	14,840	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Grodzinski, B. Horticultural Sci. Guelph	Photosynthesis and photorespiration: products of glycollate metabolism and their role in the regulation of plant growth and development 3yr - 1st Inst.	Individual	24,633	03
Groleau, R. Physique Montréal	* Voir J.L'Ecuyer(Montréal)	Equipe		22
Gross, M.R. Biolog. Sciences Simon Fraser	Alternative reproductive strategies: theoretical and empirical investigations in fishes 3yr - 2nd Inst.	Univ. Research Fellow	31,800	18
Grossert, J.S. Chemistry Dalhousie	Organosulfur chemistry and studies on molecules from marine sources 3yr - 3rd Inst.	Individual	9,794	05
Groves, T.K. Mechanical Eng. Calgary	Sound speed and attenuation in gases and gas/liquid mixtures 3yr - 1st Inst.	Individual	13,568	13
Grovum, W.L. Biomed Sciences Guelph	Food intake, motility and secretin studies pertaining to digestive physiology and production in ruminants 3yr - 3rd Inst.	Individual	10,774	01
Gruda, I. Chimie - biologie Qué.-Trois-Riv.	Etude du mécanisme d'action synergique de l'amphotéricine B avec les agents antitumoraux 2ans - 1er vers.	Individuelle	12,000	02
Gruda, J. Chimie - biologie Qué.-Trois-Riv.	Protéines gélifiant l'actine F	Individuelle	5,300	02
Grund, D.W. Biology Acadia	Taxonomic studies of Nova Scotian fungi and macrophytic algae 3yr - 3rd Inst.	Individual	13,467	18
Grundy, H.D. Geology McMaster	Mineralogy of the framework silicates 2yr - 1st Inst.	Individual	8,480	10
Grundy, K.R. Chemistry Dalhousie	Binuclear complexes of the platinum group metals and nitrosyl complexes of rhenium 2yr - 1st Inst.	Individual	10,600	05
Grunenfelder, L.A. Mathematics Dalhousie	Indexing by coalgebras, graded group rings and homology 3yr - 2nd Inst.	Individual	4,236	16
Gruzleski, J.E. Mining/Metal. Eng. McGill	The solidification and casting of metals 3yr - 3rd Inst.	Individual	21,303	04

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Guardo, R. Génie bio-méd. Ecole Polytechnique	Méthodes et instrumentation pour le traitement de signaux biologiques et images médicales * avec M.Bertrand,J.P.F.Drouhard, R.M.Gulrajani,R-A.LeBlanc, G.E.Mailloux,P.A.Mathieu, F.A.Roberge,P.Savard,L-G.Durand(Ecole Polytechnique) 3ans - 1er vers.	Equipe	144,902	11
Guay, R. Microbiologie Laval	Aspects genetiques de la lixiviation bacterienne de la chalcopyrite 2ans - 2e vers.	Individuelle	11,660	02
Guderley, H. Biology Laval	Pyruvate kinase and the evolution of hormonal and metabolic control mechanisms 3yr - 1st Inst.	Individual	14,840	02
Guha, A. Zoology Toronto	Studies on the regulation of gene expression in procaryotic microorganisms at the molecular level 3yr - 1st Inst.	Individual	37,630	02
Guha, J. Sc. appliquées Québec-Chicoutimi	Rôle des fluides mobilisateurs dans les gîtes filoniens et porphyres Archéens 2ans - 1er vers.	Individuelle	10,600	10
Guiasu, S. Mathematics York	Construction of stochastic processes by using the PIM-PEM technique 3yr - 1st Inst.	Individual	11,812	14
Guillemot, J.P. Kinanthropologie Québec-Montréal	Etudes électrophysiologiques de la binocularité et de la motilité oculaire chez le chat 3ans - 3e vers.	Individuelle	12,243	12
Guillet, J.E. Chemistry Toronto	Polymer photophysics and photochemistry 3yr - 1st Inst.	Individual	86,039	05
Guinand, A.P. Mathematics Trent	Harmonic analysis of sequences 3yr - 1st Inst.	Individual	2,500	16
Guirao, C.M. Mechanical Eng. McGill	Dynamique des milieux réactifs gazeux en régime instationnaire 3yr - 1st Inst.	Individual	13,600	13
Gujar, U.G. Computer Science New Brunswick	Investigations in computer graphics	Individual	7,718	07
Gulrajani, R.M. Bio-Med Eng. Ecole Polytechnique	* Refer to R.Guardo(Ecole Polytechnique) 3yr - 1st Inst.	Team		11
Gumbs, G.A. Physics Dalhousie	Statistical mechanics of electron fluctuations in films 3yr - 2nd Inst.	Univ. Research Fellow	10,600	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Gundjian, A.A. Electrical Eng. McGill	1) CO2 laser radiation signal processing devices 2) High power CO2 laser radiation interaction with transparent materials 3yr - 2nd Inst.	Individual	12,932	11
Gunn, E.A. Industrial Eng. Tech. Univ. N.S.	Operations research studies in natural resource utilization 3yr - 2nd Inst.	Individual	12,720	20
Gunning, H.E. Chemistry Alberta	* Principal investigator O.P.Strausz(Alberta) 3yr - 3rd Inst.	Team		05
Gupta, C.K. Mathematics Manitoba	Some linear techniques in groups 3yr - 3rd Inst.	Individual	5,712	16
Gupta, M.M. Cybernetic Studies Saskatchewan	1) Stochastic and adaptive control systems 2) Applied signal processing methods 3yr - 2nd Inst.	Individual	20,670	11
Gupta, N.D. Mathematics Manitoba	Topics in infinite group theory 3yr - 3rd Inst.	Individual	22,527	16
Gupta, R.D. Math/Comp Science New Brunswick	Spherical models in the theory of design of experiments 3yr - 1st Inst.	Individual	3,221	14
Gupta, R.K. Business Admin. Memorial	Optimal control of a class of semi-Markovian queues 3yr - 2nd Inst.	Individual	1,942	16
Gupta, R.P. Math,Stat&Comp Sc Dalhousie	1) Multivariate distributions 2) Estimation in sampling 3yr - 3rd Inst.	Individual	6,428	14
Gupta, Y.P. Business Admin. Manitoba	Development of reliability & capability assessment approaches for automatic fire detection systems	Individual	4,770	21
Gurd, J.W. Biochemistry Toronto	Molecular modulation of synaptic structure 3yr - 3rd Inst.	Individual	22,037	02
Gush, H. Physics British Columbia	Submillimeter cosmic background radiation 3yr - 3rd Inst.	Individual	34,280	17
Gusta, L.V. Crop Science Saskatchewan	Role of the plasma membrane in cold hardiness of winter cereals 3yr - 2nd Inst.	Individual	25,440	03
Guthrie, J.P. Chemistry Western Ontario	Chemical origins of enzymic catalysis	Individual	53,000	05
Guthrie, R.I.L. Mining/Metal. Eng. McGill	Hydrodynamic and transport phenomena in liquid metal processing 3yr - 1st Inst.	Individual	52,364	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Guttentag, R. Psychology Winnipeg	Developmental studies of attention to vision and audition 3yr - 3rd Inst.	Individual	7,346	12
Guttman, I. Statistics Toronto	Bayesian analysis of a multiplicative effect in the multivariate normal situation 3yr - 2nd Inst.	Individual	22,928	14
Guy, R.D. Chemistry Dalhousie	Development of chromatographic and electrochemical speciation methods	Individual	23,320	05
Guy, R.K. Math/Statistics Calgary	Combinatorial game theory, graph theory and number theory 3yr - 3rd Inst.	Individual	19,042	16
Guy, R.W. Ctre.-Build. Stud. Concordia	The transmission of sound in finite surrounds 2yr - 1st Inst.	Individual	15,900	13
Gwyn, Q.H.J. Géographie Sherbrooke	Stratigraphie et chronologie quaternaires, golfe du Saint-Laurent, Québec 2ans - 1er vers.	Individuelle	10,600	10
Gygax, S. Physics Simon Fraser	Experimental research in low temperature solid state physics 3yr - 1st Inst.	Individual	11,872	15
Gysi, M. Civil Engineering Calgary	The effect of water supply management policies on future risk of shortages 3yr - 3rd Inst.	Individual	11,631	06
Ha, K.H. Ctre.-Build. Stud. Concordia	Structural systems and components 3yr - 3rd Inst.	Individual	12,856	06
Haard, N.F. Biochemistry Memorial	Biochemistry of fish and fishery by-products 3yr - 1st Inst.	Individual	39,220	02
Haas, R.C.G. Civil Engineering Waterloo	Pavement management systems 3yr - 1st Inst.	Individual	43,672	06
Haasz, A.A. Aerospace Studies Toronto	1) Research on air-curtains 2) Gas target neutron generator research 3yr - 3rd Inst.	Individual	15,916	13
Habashi, W.G. Mechanical Eng. Concordia	Three dimensional aerodynamic design of transonic turbomachinery 3yr - 1st Inst.	Individual	37,259	13
Habib, E.E. Physics Windsor	Nuclear structure studies of medium mass nuclei	Individual	4,240	22
Haccoun, D. Génie électrique Ecole Polytechnique	Codage et décodage des codes convolutionnels et applications 3ans - 1er vers.	Individuelle	15,794	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hackam, R. Electrical Eng. Windsor	High voltage insulation of vacuum, gaseous and solid insulators 3yr - 2nd Inst.	Individual	28,450	11
Hacker, R.R. Animal/Poultry Sc. Guelph	Effects of environmental variables on growth, reproduction and some biochemical parameters in blood and urine of livestock 3yr - 1st Inst.	Individual	24,711	01
Haddad, Y.M. Mechanical Eng. Ottawa	On the rheology and fracture of randomly structured fibrous systems	Individual	12,932	13
Haddow, J.B. Mechanical Eng. Alberta	Studies in linear and non-linear wave propagation 3yr - 1st Inst.	Individual	24,000	13
Hade, A. Chimie Québec-Montréal	* Chercheur principal G.A.Capuano(Qué.-Mont.) 3ans - 3e vers.	Equipe		04
Hadziyev, D. Food Science Alberta	Organic and phenolic acid profiles of potatoes - a chemical prediction for after-cooking discoloration and disease resistance in the tubers 3yr - 1st Inst.	Individual	17,213	03
Haedrich, R.L. Biology Memorial	Size structure in oceanic assemblages 3yr - 1st Inst.	Individual	29,243	18
Haering, R.R. Physics British Columbia	Intercalation batteries 3yr - 2nd Inst.	Individual	85,563	15
Hafer, L.J. Computer Science Simon Fraser	Automated register-transfer level data path design from behavioural specifications	Individual	16,946	07
Hafez, R.H.M. Sys. & Comp. Eng. Carleton	Signal processing for digital radio systems 3yr - 1st Inst.	Individual	12,508	11
Hage, K.D. Geography Alberta	Air pollution transport and dispersion in complex terrain 3yr - 1st Inst.	Individual	12,190	06
Hajnal, Z. Geological Sciences Saskatchewan	1) Seismic investigation of deep seated structures in Saskatchewan 2) Seismic investigation of Precambrian contact zones 3yr - 2nd Inst.	Individual	22,260	10
Hakstian, A.R. Psychology British Columbia	Development of new multivariate procedures useful in the behavioral sciences 3yr - 1st Inst.	Individual	13,250	12
Halcrow, K. Science New Brunswick	Ultrastructural studies of marine and freshwater crustacea 3yr - 2nd Inst.	Individual	7,420	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Haley, D. Forestry British Columbia	Parametric characterization of production technologies in the lumber industry: An inter-regional comparison of levels and rates of growth in total factor productivity 2yr - 1st Inst.	Individual	14,310	20
Hall, B.K. Biology Dalhousie	Mechanisms of cellular differentiation in the embryonic skeleton 3yr - 1st Inst.	Individual	61,480	01
Hall, D.H. Earth Sciences Manitoba	Characteristics and development of crustal magnetic units in Manitoba and North-Western Ontario 3yr - 1st Inst.	Individual	23,320	10
Hall, F.L. Civil Engineering McMaster	Standardization of a method for assessing community effects of transportation noise 3yr - 1st Inst.	Individual	17,278	13
Hall, J.M. Geology Dalhousie	The nature, structure and history of oceanic crust through drilling, geological and geophysical investigations 3yr - 1st Inst.	Individual	36,040	10
Hall, K.J. Civil Engineering British Columbia	Environmental impact of trace organic pollutants in sediments 3yr - 1st Inst.	Individual	15,900	06
Hall, L.D. Chemistry British Columbia	Molecular association and geometry of carbohydrates 3yr - 3rd Inst.	Individual	67,337	05
Hall, R. Environ. Biology Guelph	Behaviour of plant-pathogenic fungi from soil 3yr - 1st Inst.	Individual	30,040	03
Hall, R.L. Geology & Geophys. Calgary	Lithostratigraphy and biostratigraphy of the Fernie Formation (Jurassic), Alberta	Individual	6,200	10
Hall, R.L. Mathematics Concordia	The energy spectra of many-particle systems 3yr - 3rd Inst.	Individual	7,946	15
Hallett, F.R. Physics Guelph	Quasi-elastic light scattering and cinematographic investigations of the motility of large cells 3yr - 3rd Inst.	Individual	20,140	15
Hallett, P.E. Zoology Toronto	Optical and neuro-anatomical approaches to rat and mouse as optical machines 3yr - 2nd Inst.	Individual	14,840	01
Hallett, W.L.H. Mechanical Eng. Ottawa	1) Enclosed swirling flow 2) Droplet combustion 3yr - 1st Inst.	Individual	16,430	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Halls, H.C. Geology Toronto	Paleomagnetism of Precambrian rocks 3yr - 2nd Inst.	Individual	16,960	10
Halperin, I. Mathematics Toronto	1) Continuous Geometries 2) Geometry of Banach spaces 3yr - 1st Inst.	Individual	4,000	16
Halperin, J.S. Mathematics Toronto	Geometric applications of minimal models 3yr - 3rd Inst.	Individual	12,649	16
Hamacher, V.C. Electrical Eng. Toronto	Distributed computer systems and real-time computing 3yr - 1st Inst.	Individual	29,510	07
Hambleton, I. Mathematical Sci. McMaster	Finite transformation groups 3yr - 2nd Inst.	Individual	9,752	16
Hamid, M.A.K. Electrical Eng. Manitoba	1) Investigation of near field phenomena 2) Scattering and diffraction of electromagnetic waves 3) Industrial and biological applications of microwave power 3yr - 1st Inst.	Individual	37,632	11
Hamidi-Noori, A. School of Business Wilfrid Laurier	Optimization problems in inventory / Production	Individual	6,572	20
Hamielec, A.E. Chemical Eng. McMaster	1) Transport phenomena in process metallurgy, 2) Polymerization kinetics and reactor systems, 3) Extension of fluidmechanical data using computers 3yr - 3rd Inst.	Individual	53,135	04
Hamilton, A.C. Surveying Eng New Brunswick	Development of unit cost models for some elements of the control survey and mapping sub-set of the Land Information matrix 3yr - 1st Inst.	Individual	12,953	06
Hamilton, D.C. Math,Stat&Comp Sc Dalhousie	Experimental design for parameters in nonlinear systems 3yr - 3rd Inst.	Individual	2,069	14
Hamilton, K.P. Oceanography British Columbia	Studies of the dynamics of the stratosphere and mesosphere 3yr - 2nd Inst.	Univ. Research Fellow	10,600	17
Hammer, P.L. Combin./Optimiz. Waterloo	Boolean functions and applications 3yr - 3rd Inst.	Individual	26,250	16
Hancock, H.A. Mining/Metallurgy Tech. Univ. N.S.	Application and regeneration of insoluble oxidizing agents for the aqueous oxidation of metal sulphides 3yr - 1st Inst.	Individual	10,918	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hancock, R.E.W. Microbiology British Columbia	The role of proteins in the structure and functions of the outer membrane of Pseudomonas Aeruginosa 3yr - 2nd Inst.	Individual	41,340	02
Handa, V.K. Civil Engineering Waterloo	Total loss analysis of construction site incidents and their impact on productivity 3yr - 1st Inst.	Individual	12,720	06
Handelman, D.E. Mathematics Ottawa	Operator algebras, lower algebraic K-theory, dimension groups, and topological Markov chains 3yr - 3rd Inst.	Individual	19,042	16
Handford, P.T. Zoology Western Ontario	Behavioural and morphological adaptations in birds 3yr - 2nd Inst.	Individual	14,840	18
Hanes, J.A. Geological Sciences Queen's	Cooling history of orogens by thermochronometric and petrologic studies 2yr - 2nd Inst.	Individual	10,600	10
Hanessian, S. Chimie Montréal	Synthesis with chiral precursors, antibiotics and organic synthetic methods 3ans - 2e vers.	Individuelle	84,800	05
Hann, B.J. Zoology Manitoba	Genetic variation and population differentiation in Simocephalus and Eurycercus 3yr - 2nd Inst.	Univ. Research Fellow	10,600	18
Hanna, A. Civil Engineering Concordia	Bearing and uplift capacities of battered piles in sand 3yr - 2nd Inst.	Individual	19,080	06
Hansell, R.I.C. Zoology Toronto	Strategy models in evolution and classification 3yr - 1st Inst.	Individual	40,280	18
Hansen, J.S. Aerospace Studies Toronto	Elastic stability of optimized composite cylindrical shells and fracture of composite materials for aerospace applications 3yr - 1st Inst.	Individual	30,889	13
Hanson, D. Mathematics Regina	Studies in combinatorial analysis 3yr - 3rd Inst.	Individual	5,712	16
Hanson, J.V. Electrical Eng. Waterloo	Real time signal processing; keyed pilot carrier single sideband 3yr - 1st Inst.	Individual	10,494	11
Haq, M.S. Stat. & Actuar. Sc Western Ontario	1) Prediction analysis 2) Marginal likelihood inference 3) Multivariate analysis 3yr - 3rd Inst.	Individual	4,359	14

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hara, T. Zoology Manitoba	Differentiation of fish olfactory neurones 2yr - 2nd Inst.	Individual	5,300	01
Hardy, E.J. Physique Laval	Etude des amas de galaxies et de l'évolution du contenu stellaire des galaxies 3ans - 3e vers.	Individuelle	15,916	17
Hardy, R.H.S. Fac of Engineering Regina	Communications techniques within an electrical switchyard 3yr - 1st Inst.	Individual	14,416	11
Hardy, W.N. Physics British Columbia	Studies of atomic hydrogen at low temperatures; Cryogenic hydrogen masers 3yr - 2nd Inst.	Individual	69,048	15
Hare, F.K. Geography Toronto	Coupled modelling of climate, ocean and cryosphere 3yr - 2nd Inst.	Individual	15,900	10
Harestad, A.S. Biolog. Sciences Simon Fraser	Foraging behaviour of Columbian ground squirrels 3yr - 1st Inst.	Individual	16,960	18
Hargrave, B.T. Fisheries Dalhousie	* Refer to E.L.Mills(Dalhousie) 3yr - 1st Inst.	Team		18
Hargrove, C.K. Physics Carleton	* Refer to R.K.Carnegie(Carleton)	Project		23
Hargrove, C.K. Physics Carleton	* Refer to R.K.Carnegie(Carleton)	Project		23
Hargrove, C.K. Physics Carleton	* Refer to D.A.Bryman(Victoria)	Project		22
Hargrove, C.K. Physics Carleton	* Refer to M.D.Hasinoff(British Columbia)	Project		22
Hargrove, C.K. Physics Carleton	* Refer to A.L.Carter(Carleton)	Project		22
Harley, C.A. Psychology Memorial	NE-induced long-term potentiation in the hippocampus: Conditions and correlates 3yr - 2nd Inst.	Individual	14,204	12
Harms, A.A. Eng. Physics McMaster	Nuclear energy synergetics and neutron diagnostics 3yr - 2nd Inst.	Individual	37,100	21
Harney, P.M. Horticultural Sci. Guelph	Self-incompatibility in Brassica napus var. napobrassica 3yr - 2nd Inst.	Individual	8,480	03
Harper, P.P. Sciences biolog. Montréal	Structure et fonctionnement de communautés benthiques d'eau courante 3ans - 1er vers.	Individuelle	20,000	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Harpp, D.N. Chemistry McGill	Synthetic and mechanistic studies in organosulfur, silicon, tin and phosphorus chemistry 3yr - 3rd Inst.	Individual	35,505	05
Harrington, F.H. Psychology Mt. St. Vincent	The physical structure of children's vocalizations and behavioral correlates * with D.R.Furrow(Mt. St. Vincent) 3yr - 2nd Inst.	Team	5,724	12
Harris, G.L.H. Physics Waterloo	Spectroscopic and photometric studies of galactic and extragalactic star clusters 3yr - 2nd Inst.	Individual	10,918	17
Harris, G.P. Biology McMaster	Phytoplankton dynamics; mechanisms, models, methods and management 3yr - 3rd Inst.	Individual	36,729	18
Harris, P.J. Civ Eng/App Mech McGill	Diagnosis & repair of defective concrete structures 3yr - 1st Inst.	Individual	16,960	06
Harris, R. Physics McGill	Theoretical studies of glassy and disordered materials 3yr - 1st Inst.	Individual	19,992	15
Harris, R.L. Mining/Metal. Eng. McGill	Liquid metal purification utilizing vacuum 2yr - 1st Inst.	Univ. Research Fellow	16,748	04
Harris, S.A. Geography Calgary	Alpine environmental studies	Individual	7,632	10
Harris, W.E. Physics McMaster	Galactic and extragalactic star clusters 3yr - 2nd Inst.	Individual	26,500	17
Harris, W.H. Biomed Sciences Guelph	Brown adipose tissue: A physiological and morphological study * with S.Yamashiro(Guelph) 3yr - 1st Inst.	Team	18,286	01
Harrison, A.D. Biology Waterloo	Ecology of the midges of running water (Diptera: Chironomidae) 3yr - 1st Inst.	Individual	13,780	18
Harrison, A.G. Chemistry Toronto	Mass spectrometer studies 3yr - 2nd Inst.	Individual	57,240	05
Harrison, A.W. Physics Calgary	Atmospheric aerosol and visibility phenomena 3yr - 3rd Inst.	Individual	29,383	17
Harrison, J.P. Physics Queen's	1) Thermal boundary resistance below 100 mK 2) Some properties of condensed matter at l[illegible] temperatures 3yr - 2nd Inst.	Individual	32,076	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Harrison, L.G. Chemistry British Columbia	Physical chemistry of biological morphogenesis	Individual	29,680	21
Harrison, P.G. Botany British Columbia	External and internal limits on seagrass community structure and dynamics 3yr - 2nd Inst.	Individual	15,900	18
Harrison, P.J. Oceanogr./Botany British Columbia	Nutrient uptake, growth and species competition in marine algae 3yr - 2nd Inst.	Individual	25,440	03
Harrison, R.G. Electronics Carleton	1) Frequency division at microwave & millimeter wavelengths: Theory & extension to active devices 2) Linearization techniques for satellite transponders 3) Temperature sensitivity of light-emitting diodes & lasers	Individual	11,978	11
Harrison, W.G. Biology Dalhousie	Adaptation of nutrient uptake and assimilation in fluctuating nutrient regimes 3yr - 1st Inst.	Individual	15,900	03
Harrod, J.F. Chemistry McGill	Chemistry of transition elements and their compounds 3yr - 3rd Inst.	Individual	19,589	05
Harry, D.G. Geography Western Ontario	Quaternary geomorphology and permafrost studies, Banks Island	Individual	6,526	10
Harshman, R.A. Psychology Western Ontario	Extending the scope of multidimensional scaling and three-way factor analysis 3yr - 3rd Inst.	Individual	17,140	12
Hartland-Rowe, R.C.B. Biology Calgary	Adaptive value of synchronous reproduction in a tropical mayfly 3yr - 3rd Inst.	Individual	4,897	18
Hartley, G.A. Civil Engineering Carleton	Computer aided structural design	Individual	10,600	06
Hartman, J.S. Chemistry Brock	NMR studies in coordination chemistry 3yr - 3rd Inst.	Individual	12,243	05
Hartnell, B.L. Mathematics Saint Mary's	Neighbour connectivity in graphs 3yr - 1st Inst.	Individual	4,940	16
Hartner, G.F. Physics Toronto	* Refer to G.J.Luste(Toronto)	Project		23
Hartner, G.F. Physics Toronto	Photoproduction of heavy charm quark states at tagged photon spectrometer 2yr - 1st Inst.	Univ. Research Fellow	15,900	23

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hartwick, E.B. Biolog. Sciences Simon Fraser	Ecological studies of Octopus dofleini with additional consideration of Panopea generosa and disturbance effects in marine soft bottom communities 3yr - 3rd Inst.	Individual	12,243	18
Hartwick, F.D.A. Physics Victoria	Evolution of stars and galaxies 3yr - 2nd Inst.	Individual	45,580	17
Hartzman, C.S. Mathematics Dalhousie	Separatrices and Hamiltonian systems 3yr - 3rd Inst.	Individual	3,944	16
Haruki, H. Pure Mathematics Waterloo	Theory of functional equations for analytic functions 3yr - 1st Inst.	Individual	5,880	16
Harvey, B.L. Crop Science Saskatchewan	The effects of low polyphenol genes in barley	Individual	15,900	03
Harvey, H.H. Zoology Toronto	The effects on fish populations of the acidification of lakes and streams 3yr - 1st Inst.	Individual	19,080	18
Hasinoff, B.B. Chemistry Memorial	Mechanisms of fast biological reactions 3yr - 2nd Inst.	Individual	23,850	05
Hasinoff, M.D. Physics British Columbia	* Refer to D.A.Bryman(Victoria)	Project		22
Hasinoff, M.D. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Hasinoff, M.D. Physics British Columbia	IEP-34 - Muon radiative capture * with D.F.Measday, J.M.A.Poutissou(British Columbia),B.C.Robertson(Queen's)	Project	31,500	22
Hasinoff, M.D. Physics British Columbia	* Refer to D.F.Measday(British Columbia)	Project		22
Hasinoff, M.D. Physics British Columbia	* Refer to J.M.A.Poutissou(British Columbia)	Project		22
Hasinoff, M.D. Physics British Columbia	IEP-53 - Muon electron conversion * with J.M.A.Poutissou(British Columbia),D.A.Bryman(Victoria), C.K.Hargrove,A.L.Carter, D.Kessler(Carleton), P.H.M.Depommier, J.P.Martin(Montreal)	Project	12,600	22
Haslett, J.W. Electrical Eng. Calgary	Analog devices, RC-active filters, CCD imaging systems and instrumentation 3yr - 1st Inst.	Individual	22,790	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hassan, Y.E. Mechanical Eng. Toronto	Lateral stability in vehicle dynamics	Individual	12,720	13
Hastaoglu, M.A. Chemical/Pet. Eng. Calgary	Study of gas - solid and solid - solid reactions through the reaction of carbon with metal oxides via gravimetric methods 3yr - 1st Inst.	Individual	13,780	04
Hastings, P.J. Genetics Alberta	DNA repair, spontaneous mutation and meiotic recombination in yeast	Individual	26,500	02
Hatcher, W.S. Mathématiques Laval	Applications of completeness 3ans - 2e vers.	Individuelle	3,294	16
Hauer, E. Civil Engineering Toronto	1) Effectiveness of safety countermeasures 2) Estimation of trip patterns 3yr - 1st Inst.	Individual	26,500	06
Haug, M.D. Civil Engineering Saskatchewan	Soil-bentonite liners for waste containment 3yr - 1st Inst.	Individual	12,720	06
Hauptmann, E.G. Mechanical Eng. British Columbia	Heat transfer & fluid mechanics studies: Dryout; Supercritical fluids; Transient Two-phase flows; Papermaking foils and jets 3yr - 1st Inst.	Individual	24,380	13
Haurie, A.B. Méth. quant. gest. Montréal	Commande hiérarchisée des systèmes appliquée à la planification de la production 3ans - 1er vers.	Individuelle	32,860	20
Haussmann, U.G. Mathematics British Columbia	Optimal control of stochastic differential equations 3yr - 3rd Inst.	Individual	15,233	16
Havas, M. Environmental Stud. Toronto	1) Effect of calcium and pH on aluminum toxicity, bioaccumulation in Daphnia 2) Acid-neutralizing capacity of sediments in acidified lakes 3yr - 1st Inst.	Univ. Research Fellow	14,840	18
Havens, W.S. Computer Science British Columbia	Applying spatial knowledge to understanding imagery	Individual	10,545	07
Hawaleshka, O. Mechanical Eng. Manitoba	Shade sorting using light refraction	Individual	9,540	20
Hawbolt, E.B. Metallurgical Eng. British Columbia	1) Inclusion parameters vs elastic-plastic fracture toughness 2) Predicting transformation kinetics, predicting annealing kinetics 3) Development of nonprecious metal dental alloys 3yr - 1st Inst.	Individual	15,582	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hawkes, M.W. Botany British Columbia	Systematics of marine red algae 3yr - 1st Inst.	Univ. Research Fellow	13,780	18
Hawkes, R.L. Physics Mount Allison	Optical evidence for physical structure of small meteoroids 3yr - 2nd Inst.	Individual	12,720	17
Hawrysh, Z.J. Foods/Nutrition Alberta	Influence of production technologies (processing techniques and nutrition) on meat quality 3yr - 2nd Inst.	Individual	8,480	01
Hawthorne, F.C. Earth Sciences Manitoba	The structure, chemistry and paragenesis of minerals 2yr - 1st Inst.	Univ. Research Fellow	21,200	10
Hawton, M.H. Physics Lakehead	Dispersion self-energy theory in solid state physics 3yr - 3rd Inst.	Individual	4,897	15
Hay, A.E. Physics Memorial	Coastal and continental shelf oceanography	Individual	16,960	10
Hay, D.R. Informatique Concordia	Statistical techniques for source characterization and classification using acoustic emission 3ans - 2e vers.	Individuelle	10,229	13
Hay, J.E. Geography British Columbia	Determination of the radiance distribution for the sky hemisphere using radiometric and photometric techniques 2yr - 2nd Inst.	Individual	13,780	10
Hayatsu, A. Geophysics Western Ontario	Study of initial argon by K-Ar isochron method 3yr - 1st Inst.	Individual	14,840	10
Hayden, D.B. Plant Science Western Ontario	* Principal investigator W.G.Hopkins(Western Ontario) 3yr - 2nd Inst.	Team		02
Hayduk, W. Chemical Eng. Ottawa	Equilibrium solubilities and diffusional processes in liquids; studies in emulsion polymerization and polymer characterization 3yr - 2nd Inst.	Individual	18,232	04
Hayes, J. Electrical Eng. McGill	Data multiplexing techniques 3yr - 1st Inst.	Individual	30,115	11
Hayes, J.F. Animal Science Macdonald Coll	Genetic control of growth in laboratory mice 3yr - 1st Inst.	Individual	18,780	01
Hayes, K.C. Physical Therapy Western Ontario	Nonlinear properties of stretch reflexes 3yr - 1st Inst.	Individual	10,872	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Haykin, S.S. Elec. & Comp. Eng. McMaster	Signal processing in radar 3yr - 2nd Inst.	Individual	43,884	11
Haynes, R.H. Biology York	Mutation, recombination, DNA repair and replication in yeast 3yr - 2nd Inst.	Individual	74,200	02
Hazell, C.R. Mechanical Eng. Tech. Univ. N.S.	Application of optical techniques to the study of mechanical vibrations 3yr - 2nd Inst.	Individual	15,158	13
Headley, V.B. Mathematics Brock	Oscillation theory of differential equations 3yr - 3rd Inst.	Individual	1,428	16
Heasell, E.L. Electrical Eng. Waterloo	Semiconductor and semiconductor device properties	Individual	32,012	11
Heaslip, L.J. Metallurgy Toronto	Heat transfer during liquid metals processing 3yr - 3rd Inst.	Univ. Research Fellow	12,243	04
Heath, I.B. Biology York	Mitosis and microtubules in the oomycetes 3yr - 3rd Inst.	Individual	34,280	02
Heath, M.C. Botany Toronto	Biochemical basis of resistance and susceptibility to rust fungi, and ultrastructure of rust development 3yr - 2nd Inst.	Individual	57,810	03
Heath, P.R. Mathematics Memorial	Fibrations, cofibrations, groupoids and abstract homotopy theory 3yr - 2nd Inst.	Individual	4,766	16
Hebert, A. Inst de génie nucl. Ecole Polytechnique	Etude du rechargement optimal d'un réacteur CANDU 3ans - 2e vers.	Individuelle	12,720	21
Hèbert, G.R. Physics York	Molecular excitation and spectral intensity measurements in the IR. Visible and ultraviolet regions 3yr - 2nd Inst.	Individual	2,120	15
Hèbert, J. Physique Ottawa	Project 77.02 Measurement of neutrino production and weak-decay lifetimes of charmed hadrons in a hybrid emulsion spectrometer * avec J.M.Trischuk(McGill),T-S.Yoon, T.D.Prentice(Toronto)	Projet	63,000	23
Hebert, P.D.N. Biology Windsor	Zooplankton population biology 3yr - 1st Inst.	Individual	76,320	18
Heble, M.P. Mathematics Toronto	Stochastic differential geometry 3yr - 3rd Inst.	Individual	5,510	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hedgcock, F.T. Physics McGill	Magnetic and semi-magnetic semiconductors 3yr - 1st Inst.	Individual	36,422	15
Hehner, E.C.R. Computer Science Toronto	Language design and programming methodology 3yr - 3rd Inst.	Individual	20,813	07
Heidebrecht, A.C. Civ Eng/Eng Mech McMaster	Earthquake engineering and dynamic response of structures 3yr - 1st Inst.	Individual	43,036	06
Heidemann, R.A. Chemical/Pet. Eng. Calgary	Equilibrium studies in multi-phase and reactive systems 3yr - 3rd Inst.	Individual	13,345	04
Hein, F.J. Geography Alberta	Sedimentary models for modern and ancient mass-flow deposits in slope-dominated settings	Individual	15,830	10
Heinicke, A.G. Mathematics Western Ontario	Studies in the theory of rings and modules 3yr - 3rd Inst.	Individual	5,712	16
Heinig, H.P. Mathematical Sci. McMaster	Interpolation and weighted integral inequalities 3yr - 3rd Inst.	Individual	3,333	16
Heinke, G.W. Civil Engineering Toronto	1) Environmental engineering in cold regions 2) Physical-chemical water and waste treatment 3yr - 1st Inst.	Individual	28,620	06
Heinrich, K. Mathematics Simon Fraser	The study of certain combinatorial and graph-theoretic problems 3yr - 3rd Inst.	Univ. Research Fellow	9,795	16
Helbing, R.K.B. Physics Windsor	Atomic beams in surface physics	Individual	6,678	15
Hell, P.T. Math/Comp Science Simon Fraser	Complexity of combinatorial algorithms	Individual	14,003	07
Hellebust, J.A. Botany Toronto	Environmental effects on the metabolism of algae 3yr - 1st Inst.	Individual	46,110	03
Helmstaedt, H. Geological Sciences Queen's	Fabrics of metamorphic rocks, tectonic settings of mineral deposits, Kimberlites and their xenoliths 3yr - 1st Inst.	Individual	24,380	10
Helmstaedt, H. Geological Sciences Queen's	Precise orientation distribution analysis of quartz and olivine by selected area electron channelling technique * with S.Saimoto(Queen's) 3yr - 3rd Inst.	Co-op	14,692	21

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Heming, B.S. Entomology Alberta	Studies in insect structure and development	Individual	7,420	01
Hendershot, W.H. Geography Montréal	Genesis and classification of cryosols 2yr - 2nd Inst.	Individual	10,600	10
Henderson, N.E. Biology Calgary	Modulation of thyroid hormone action in a hibernator 3yr - 2nd Inst.	Individual	13,250	01
Hengartner, W. Mathématiques Laval	Fonctions analytiques et applications 3ans - 2e vers.	Individuelle	15,059	16
Henke, P.G. Psychology St. F. Xavier	Limbic system and gastric stress-pathology 3yr - 1st Inst.	Individual	14,840	12
Henriksen, R.N. Physics Queen's	High energy astrophysics, including strong gravity; Physical cosmology including the early universe 3yr - 1st Inst.	Individual	35,510	17
Henrikson, A. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
Henry, B.R. Chemistry Manitoba	Studies of electronically and vibrationally excited molecules 3yr - 1st Inst.	Individual	42,758	05
Henry, J.G.F. Civil Engineering Toronto	Biological treatment of hazardous wastes 3yr - 1st Inst.	Individual	16,112	06
Hepburn, J.W. Chemistry Waterloo	Molecular beam studies in photochemistry and spectroscopy 3yr - 2nd Inst.	Univ. Research Fellow	19,250	05
Hepler, L.G. Chemistry Alberta	Chemical thermodynamics 3yr - 1st Inst.	Individual	50,529	05
Herman, C.P. Psychology Toronto	A boundary model for the regulation of eating * with J.Polivy(Toronto) 3yr - 2nd Inst.	Team	14,204	12
Herman, J.A. Chimie Laval	Etude des réactions chimiques sous l'action du rayonnement ionisant 3ans - 1er vers.	Individuelle	25,440	05
Herman, T.B. Biology Acadia	Demography and social interactions of island and mainland deer mice Peromyscus maniculatus 3yr - 3rd Inst.	Individual	14,692	18
Heroux, Y. INRS-Géoress. Québec - INRS	Relations entre l'évolution thermique des kérogènes et la géologie structurale des Appalaches du Québec 3ans - 2e vers.	Individuelle	11,660	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Herring, F.G. Chemistry British Columbia	Electron spin resonance as applied to molecular motion in liquids and biological systems 3yr - 2nd Inst.	Individual	20,140	05
Herrington, M.B. Biology Concordia	An unusual suppressor mutation in Escherichia coli 3yr - 1st Inst.	Individual	19,080	02
Herrmann, T.F. Psychology Guelph	Problem solving in rats 1) Integration of experiences 2) Identifying constants in a changing world 3yr - 1st Inst.	Individual	3,180	12
Herz, C.S. Mathematics McGill	Harmonic analysis on Lie groups 3yr - 1st Inst.	Individual	19,598	16
Herzberg, G.R. Biochemistry Memorial	Regulation of gluconeogenesis in chickens 3yr - 2nd Inst.	Individual	6,360	01
Hesse, F.R. Geological Sciences McGill	Evolution of sedimentary basins on modern and ancient continental margins (diagenesis and low-grade metamorphism, tectonic setting) 3yr - 1st Inst.	Individual	27,030	10
Heth, C.D. Psychology Alberta	A microeconomic analysis of operant performance 3yr - 2nd Inst.	Individual	8,268	12
Heuft, R.W. Electrical Eng. Alberta	High performance computers for signal processing	Individual	14,662	07
Hewgill, D.E. Mathematics Victoria	Numerical solutions of partial differential equations 3yr - 1st Inst.	Individual	3,930	16
Hewitt, J.S. Chemical Eng. Toronto	Nuclear instrumentation and application 3yr - 2nd Inst.	Individual	21,412	21
Heywood, J.G. Mathematics British Columbia	Mathematical theory (and numerical approximation) of viscous incompressible flow 3yr - 3rd Inst.	Individual	23,801	16
Hickey, D.A. Biology Ottawa	Regulatory gene variation at the amylase locus in drosophila melanogaster 3yr - 2nd Inst.	Individual	25,440	02
Hickman, M. Botany Alberta	Limnological and algal studies in Alberta lakes 3yr - 2nd Inst.	Individual	16,430	18
Hicks, G.S. Biology Dalhousie	Cloning of apple & blueberry stock in vitro	Individual	11,066	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hicks, R.B. Physics Calgary	Acoustic remote sensing of the stable atmospheric boundary layer 3yr - 1st Inst.	Individual	10,600	17
Hickson, P. Geophysics British Columbia	Imaging and spectrophotometry of faint galaxies and quasars 2yr - 1st Inst.	Univ. Research Fellow	24,062	17
Hicock, S.R. Geology Western Ontario	Glacial geology applied to mineral exploration in mountainous terrain	Individual	19,080	10
Higgins, C.A. Management Sciences Waterloo	Specification and evaluation of communication-information technology 3yr - 2nd Inst.	Univ. Research Fellow	10,600	20
Higgins, V.J. Botany Toronto	Mechanisms of plant disease resistance to fungal pathogens 3yr - 3rd Inst.	Individual	36,729	03
Higgs, D.A. Pure Mathematics Waterloo	Axiomatic infinite sums 3yr - 1st Inst.	Individual	3,430	16
Hilborn, R.W. Animal Res. Ecol. British Columbia	Modelling of small mammal population dynamics 3yr - 1st Inst.	Individual	11,130	18
Hill, A.R. Geography York	Nitrate-nitrogen flux and cycling in rivers 3yr - 2nd Inst.	Individual	10,600	10
Hill, D.R. Computer Science Calgary	Improved human-computer interaction, especially using speech and graphics 3yr - 1st Inst.	Individual	39,073	07
Hill, E.F. Electrical Eng. New Brunswick	Power system operation	Individual	20,458	11
Hill, G.A. Chemical Eng. Saskatchewan	Numerical and experimental fluid mechanic studies 3yr - 1st Inst.	Individual	13,815	04
Hill, P.G. Mechanical Eng. British Columbia	Formulation of thermodynamic properties of light and heavy water, and nuclear reactor flow and heat transfer 3yr - 3rd Inst.	Individual	28,772	13
Hill, R.D. Plant Science Manitoba	Carbohydrate metabolism in cereals. Plant bioenergetics 3yr - 2nd Inst.	Individual	25,440	03
Hillaire-Marcel, C. Sciences de la terre Québec-Montréal	Paleoenvironnements isotopiques continentaux et paleoclimats 3ans - 3e vers.	Individuelle	26,935	10
Hilliker, A.J. Botany & Genetics Guelph	Chromosome organization in the interphase nucleus 3yr - 1st Inst.	Individual	22,260	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hills, L.V. Geology & Geophys. Calgary	Palynology, clastic sedimentology and Quaternary research	Individual	10,600	10
Hilton, J.W. Nutrition Guelph	Carbohydrate studies in fish nutrition 3yr - 2nd Inst.	Individual	12,720	01
Himmelman, J.H. Biology Laval	Role of predators in structuring shallow water benthic communities in the Saint Lawrence Estuary 3yr - 3rd Inst.	Univ. Research Fellow	19,589	18
Hinchey, M.J. Eng./Applied Sci. Memorial	Air cushion vehicle ice breaking 3yr - 1st Inst.	Individual	14,120	13
Hindsgaul, O. Chemistry Alberta	Design and synthesis of glycosyltransferase inhibitors	Individual	15,900	05
Hines, W.G.S. Math/Statistics Guelph	Analysis of stabilizing characteristics of biological populations 3yr - 2nd Inst.	Individual	18,020	18
Hinson, R.E. Psychology Western Ontario	Pavlovian inhibitory conditioning with pharmacological UCSs 3yr - 2nd Inst.	Individual	11,660	12
Hipel, K.W. Systems Design Waterloo	Operational research in resource engineering 3yr - 3rd Inst.	Individual	24,486	20
Hird, B. Physics Ottawa	Precision charge changing cross section measurements between 30 and 450 keV 3yr - 2nd Inst.	Individual	21,380	15
Hirose, A. Physics Saskatchewan	* Refer to H.M.Skarsgard(Saskatchewan) 3yr - 1st Inst.	Team		15
Hirschorn, R.M. Math/Statistics Queen's	Structural properties of nonlinear control systems 3yr - 3rd Inst.	Individual	8,325	16
Hiruki, C. Plant Science Alberta	1) Fungus transmission of plant viruses. 2) Plant diseases associated with Mollicute organism 3yr - 2nd Inst.	Individual	41,340	03
Hiscott, R.N. Earth Sciences Memorial	Sedimentation along ancient continental margins 3yr - 2nd Inst.	Individual	18,020	10
Hitchcock, A.P. Chemistry McMaster	EXAFS and electron spectroscopy of solids, surfaces and gases 2yr - 1st Inst.	Univ. Research Fellow	23,320	05
Hitschfeld, W.F. Meteorology McGill	* Principal investigator R.R.Rogers(McGill) 3yr - 2nd Inst.	Team		17

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ho, C.Y. Mathematics Toronto	Finite projective plane, its collineation group & related code 3yr - 1st Inst.	Individual	3,180	16
Ho, P.T. Chemistry Waterloo	Exploration and development of novel synthetic methods and chiral syntheses of biologically important natural products	Individual	24,738	05
Hoa, V.S. Mechanical Eng. Concordia	Vibration and stress analysis of elastic and viscoelastic systems under various loads and environments 3yr - 2nd Inst.	Individual	17,914	13
Hoang, H.H. Génie électrique Ecole Polytechnique	Dynamique et régulation des réseaux 3ans - 1er vers.	Individuelle	14,755	07
Hobson, L.A. Biology Victoria	The relationship between phytoplankton biology and turbulent mixing in the marine environment	Individual	16,960	18
Hobson, R.F. Computer Science Simon Fraser	Structured machine design 3yr - 1st Inst.	Individual	9,409	07
Hobson, R.M. Physics York	Charged particle gas kinetics (mainly electron & positive molecular ion)	Individual	23,246	15
Hochachka, P.W. Zoology British Columbia	Strategies of biochemical adaptation to varying O2 3yr - 2nd Inst.	Individual	101,760	01
Hoddinott, J. Botany Alberta	Environmental influences on phloem transport of photosynthate 3yr - 3rd Inst.	Individual	14,692	03
Hode Keyser, J. Génie civil Ecole Polytechnique	Système opérationnel de gestion des chaussées 3ans - 2e vers.	Individuelle	29,150	06
Hodgetts, R.B. Genetics Alberta	Hormonal aspects of the regulation of gene activity in Drosophila 3yr - 3rd Inst.	Individual	31,832	02
Hodgson, B.R. Mathématiques Laval	Méthodes logiques et complexité 3ans - 1er vers.	Individuelle	2,450	16
Hodgson, C.J. Geology Queen's	Metallogenic studies of Canadian ore-bearing environments 2yr - 2nd Inst.	Individual	14,310	10
Hodgson, G.W. Fac of Engineering Calgary	Geochemistry of energy resources - natural gas hydrates	Individual	12,720	21
Hodgson, M.J. Geography Alberta	Travel considerations in public facility location	Individual	8,480	20

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hodgson, R.J.W. Physics Ottawa	Theories of heavy-ion scattering 3yr - 3rd Inst.	Individual	3,636	15
Hodouin, D. Mines & métallurgie Laval	Analyse, simulation et contrôle des procédés de traitement des minerais 3ans - 1er vers.	Individuelle	14,098	04
Hodych, J.P. Earth Sciences Memorial	Effect of stress on magnetization of rock; paleomagnetism of appalachian Newfoundland 3yr - 1st Inst.	Individual	12,190	10
Hoefer, W.J.R. Electrical Eng. Ottawa	Development of integrated planar millimeter wave components and systems 3yr - 1st Inst.	Individual	22,896	11
Hoehn, E. Food Science Manitoba	Interactions of small molecules with proteins in food systems	Individual	14,840	03
Hoeppner, D.W. Mechanical Eng. Toronto	Fatigue life prediction methodology and fatigue behavior and mechanisms of materials 3yr - 2nd Inst.	Individual	32,330	13
Hoffman, P.N. Pure Mathematics Waterloo	K-Theory, projective representations, and lambda-rings 3yr - 1st Inst.	Individual	11,759	16
Hoffman-Goetz, L. Human Kinetics Waterloo	Nutritional modulation of endogenous pyrogen production 3yr - 3rd Inst.	Individual	18,365	02
Hoffmann, G.W. Physics British Columbia	Measurement of the network connectivity in the immune system 3yr - 3rd Inst.	Individual	17,140	21
Hoffmann, R. Psychology Carleton	* Refer to A.R.Moffitt(Carleton) 3yr - 1st Inst.	Team		12
Hofmann, H.J. Geology Montréal	Precambrian and Lower Proterozoic paleontology and stratigraphy 3yr - 1st Inst.	Individual	27,560	10
Hofstra, G. Environ. Biology Guelph	Physiological responses of plants to air pollutants and other stresses 3yr - 1st Inst.	Individual	16,260	03
Hogan, J.A. Psychology Toronto	Organization, motivation, and development of behavior systems 3yr - 2nd Inst.	Individual	24,380	12
Hogan, J.J. Chemistry McGill	Mechanistic studies of nuclear reactions	Individual	13,780	22
Hogarth, D.D. Geology Ottawa	Petrogenesis of certain alkalic rocks and carbonatites 3yr - 2nd Inst.	Individual	10,600	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hogg, B.G. Physics Manitoba	Positron annihilation	Individual	25,822	15
Höhn, E.O. Physiology Alberta	1) Endocrine control of ptarmigan plumage colour 2) Thymus and avian moult	Individual	2,200	01
Ho-Kim, Q. Physique Laval	Interactions fondamentales 3ans - 1er vers.	Individuelle	15,285	15
Holah, D.G. Chemistry Lakehead	* Principal investigator A.N.Hughes(Lakehead) 3yr - 2nd Inst.	Team		05
Holbein, B.E. Micro/Immunology McGill	Physiology of Neisseria meningitidis serogroup B capsular polysaccharide 3yr - 2nd Inst.	Individual	16,960	02
Holden, D.A. Chemistry Waterloo	Polymers from new surface-active monomers 3yr - 2nd Inst.	Univ. Research Fellow	17,031	05
Holden, J.J.A. Biology Queen's	Hormonal control of insect development 3yr - 3rd Inst.	Individual	15,916	02
Holland, H.L. Chemistry Brock	Chemical and microbiological oxidation of organic compounds 3yr - 1st Inst.	Individual	24,738	05
Holland, W.J. Chemistry Windsor	Chelating agents and metals extraction, separation and determination 3yr - 3rd Inst.	Individual	16,529	05
Hollands, K.G.T. Mechanical Eng. Waterloo	Natural convection heat transfer and solar energy applications 3yr - 3rd Inst.	Individual	30,608	13
Hollebone, B.R. Chemistry Carleton	Spectroscopy, structure and photochemistry of transition metal complexes 2yr - 1st Inst.	Individual	10,600	05
Holliday, N.J. Entomology Manitoba	The ecology of Chlaenius cordicollis populations (Coleoptera: Carabidae) 3yr - 2nd Inst.	Individual	18,020	18
Holloway, C.E. Chemistry York	NMR studies on organic and metal organic complexes 3yr - 3rd Inst.	Individual	14,080	05
Holm, D.G. Zoology British Columbia	Studies on the genetic properties of heterochromatin in Drosophila melanogaster 3yr - 1st Inst.	Individual	37,100	02
Holm, P.E. Geology Windsor	Fold generations, cleavages, and tectonic history of the Bancroft-Madoc area, Ontario 2yr - 2nd Inst.	Individual	9,010	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Holmes, F.E. Electrical Eng. Toronto	Microelectronics 3yr - 1st Inst.	Individual	14,522	11
Holmes, J.C. Zoology Alberta	Investigations on communities of parasitic helminths 3yr - 3rd Inst.	Individual	22,037	18
Holmes, J.L. Chemistry Ottawa	Gas phase ion chemistry 3yr - 1st Inst.	Individual	53,358	05
Holt, J.D. Math/Statistics Guelph	Survival time models and analyses 3yr - 3rd Inst.	Individual	3,649	14
Holt, R.A. Physics Western Ontario	Atomic and molecular structure and lifetime studies 3yr - 1st Inst.	Individual	17,755	15
Holt, R.C. Computer Science Toronto	Construction methods for computer systems software 3yr - 2nd Inst.	Individual	52,964	07
Holtz, N.M. Civil Engineering Carleton	Integrated computer aided design systems 3yr - 3rd Inst.	Individual	11,019	06
Holub, B.J. Nutrition Guelph	Effect of nutrition and other dietary factors on lipid metabolism 3yr - 2nd Inst.	Individual	27,560	01
Holuj, F. Physics Windsor	Magnetic resonance in solids and light scattering in solids 3yr - 1st Inst.	Individual	22,864	15
Homer, W. Math/Statistics Memorial	Maps between homogeneous spaces 2yr - 2nd Inst.	Individual	1,993	16
Honda, B.M. Biology Simon Fraser	Molecular mechanisms of transcription and gene regulation in eukaryotes 3yr - 2nd Inst.	Individual	31,800	02
Honig, W.K. Psychology Dalhousie	Working memory and reference memory in animals 3yr - 1st Inst.	Individual	40,280	12
Hontzeas, S.A. Chemistry Regina	Isotope shift measurement by Doppler-free Optogalvanic and fluorescence spectroscopy	Individual	6,010	15
Hoo, C.S. Mathematics Alberta	Implicative semilattices and Boolean algebras 3yr - 2nd Inst.	Individual	3,294	16
Hooley, R.F. Civil Engineering British Columbia	Limit states design; computer graphics aided 3yr - 2nd Inst.	Individual	14,840	06
Hooper, F.C. Mechanical Eng. Toronto	Large scale thermal storage and solar energy utilization 3yr - 2nd Inst.	Individual	28,620	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hooper, P.M. Statistics Alberta	Simultaneous confidence estimation 3yr - 3rd Inst.	Individual	1,763	14
Hoover, D.N. Math/Statistics Queen's	Research in logic and probability 3yr - 3rd Inst.	Univ. Research Fellow	7,346	16
Hooz, J. Chemistry Alberta	Synthetic organic chemistry - development of new methods and reagents 3yr - 2nd Inst.	Individual	10,600	05
Hope, B.B. Civil Engineering Queen's	Properties of concrete 1) Creep, 2) Permeability, 3) Autoclaved concrete containing flyash 3yr - 3rd Inst.	Individual	14,447	06
Hope, G.S. Electrical Eng. Calgary	Real-time control and measurement in power systems 3yr - 2nd Inst.	Individual	27,454	11
Hopkins, J.C. Geology & Geophys. Calgary	Sedimentation and diagenesis of Mesozoic hydrocarbon-bearing sandstones	Individual	3,180	10
Hopkins, W.G. Plant Science Western Ontario	Chloroplast structure and function * with D.B.Hayden(Western Ontario) 3yr - 2nd Inst.	Team	21,200	02
Hopkinson, A.C. Chemistry York	Studies in theoretical and physical organic chemistry 3yr - 3rd Inst.	Individual	17,753	05
Horgen, P.A. Botany Toronto	Hormonal control of gene expression 3yr - 2nd Inst.	Individual	33,920	02
Horita, R.E. Physics Victoria	Theory of plasma waves and its applications in space physics 3yr - 1st Inst.	Individual	14,840	17
Horlick, G. Chemistry Alberta	Development and application of methods and systems for spectrochemical analysis 3yr - 3rd Inst.	Individual	37,953	05
Hornof, V. Chemical Eng. Ottawa	Better utilization of wood through new products and use of wastes 3yr - 3rd Inst.	Individual	18,243	04
Horspool, R.N.S Computer Science Victoria	Prefetching algorithms for cache memories 3yr - 1st Inst.	Individual	12,713	07
Horspool, R.N.S. Computer Science McGill	Prefetching algorithms for cache memories	Individual	2,404	07
Horton, D.G. Botany Alberta	Systematic and ecological studies of bryophytes in the Canadian Cordillera	Univ. Research Fellow	20,700	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Horton, J.D. Computer Science New Brunswick	Computer construction of combinatorial designs 3yr - 2nd Inst.	Individual	2,472	16
Horton, K.D. Psychology Wilfrid Laurier	Strategic retrieval factors in depth of processing 3yr - 1st Inst.	Individual	4,770	12
Horton, R.F. Botany & Genetics Guelph	Plant growth regulation 3yr - 3rd Inst.	Individual	14,692	03
Horvath, R.G. Civil Engineering McMaster	Shear behaviour along a rough interface in weak rock 3yr - 2nd Inst.	Individual	12,720	06
Hosain, M.U. Civil Engineering Saskatchewan	An analytical and experimental investigation of stub-girders 3yr - 2nd Inst.	Individual	16,430	06
Hoskins, W.D. Computer Science Manitoba	The structure and numerical properties of isonemal arrays 3yr - 2nd Inst.	Individual	18,835	07
Hosli, J.P. Expl./util. des bois Laval	Amélioration du traitement sous pression à la créosote du bois d'épinette 3ans - 2e vers.	Individuelle	10,600	21
Houde, J. Génie civil Ecole Polytechnique	Résistance des structures en béton: bétons gelés, arrachement des armatures 3ans - 1er vers.	Individuelle	13,250	06
Houle, J.L. Génie électrique Ecole Polytechnique	Design des systèmes base's sur micro-ordinateurs spécialisés 3ans - 1er vers.	Individuelle	10,984	07
Houston, A.H. Biolog. Sciences Brock	Physiological adaptation of freshwater fishes to cycling and static temperature conditions 3yr - 2nd Inst.	Individual	36,040	01
Houston, M.E. Kinesiology Waterloo	Muscle protein turnover and muscle function evaluation in man 3yr - 2nd Inst.	Individual	11,660	01
Howard, I.P. Psychology York	Experiments on human visual orientation 3yr - 3rd Inst.	Individual	19,589	12
Howard, J.H.G. Mechanical Eng. Waterloo	Internal aerodynamics of turbomachinery components 3yr - 3rd Inst.	Individual	22,037	13
Howard, K.W.F. Physical Science Toronto	The use of minor ions as indicators of groundwater origin in quaternary deposits of southern Ontario	Individual	7,632	10
Howard, R. Physics British Columbia	* Refer to B.L.White(British Columbia)	Project		22

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Howarth, B.A. Electrical Eng. McGill	Application of adaptive lattice filters to speech compression 3yr - 1st Inst.	Individual	11,660	11
Howarth, P.J. Geography McMaster	Development and applications of Landsat analytic methodology for the physical environment 2yr - 2nd Inst.	Individual	10,289	10
Howden, H.F. Biology Carleton	Systematics and zoogeography, utilizing primarily American beetles in the family Scarabaeidae and, on a world basis, the subfamily Geotrupinae 3yr - 2nd Inst.	Individual	33,920	18
Howe, M.L. Psychology Victoria	Stages-of-learning analysis of long-term memory 3yr - 1st Inst.	Individual	6,890	12
Howland, B.E. Oral Biology Manitoba	Factors affecting pituitary control of gonadal function in farm animals 3yr - 3rd Inst.	Individual	18,977	01
Howland, J.L. Math/Comp Science Ottawa	Research in numerical mathematics 3yr - 2nd Inst.	Individual	1,346	07
Howley, T.P. Biometrics Toronto	Development and application of a statistical analysis of zero-peaked distributions	Individual	4,295	14
Hron, F. Physics Alberta	Numerical modelling of seismic waves in structurally complicated media 3yr - 3rd Inst.	Individual	28,159	10
Hrudey, S.E. Civil Engineering Alberta	Hydrocarbon industry water reuse and hazardous waste treatment 3yr - 1st Inst.	Individual	26,500	06
Hruska, C.K. Mathematics York	Piezoelectricity Research Laboratory: Nonlinear properties and frequency stability of piezoelectric resonators for frequency control and selection * with G.E.Denzel(York) 3yr - 1st Inst.	Team	20,776	11
Hruska, F.E. Chemistry Manitoba	NMR studies of nucleic acids 3yr - 3rd Inst.	Individual	25,099	05
Hsiung, C.C. Mechanical Eng. Tech. Univ. N.S.	Computational and experimental ship hydrodynamics 3yr - 2nd Inst.	Individual	13,462	13
Hsu, C.C. Chemical Eng. Queen's	Polymerization kinetics with Ziegler-Natta catalyst and adsorption 3yr - 3rd Inst.	Individual	16,406	04
Hsu, T.R. Mechanical Eng. Manitoba	Applications of nonlinear thermomechanics in industry 3yr - 1st Inst.	Individual	33,920	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Huang, J.S. Math/Statistics Guelph	Diffuse bayes rules and characterization of distributions 3yr - 2nd Inst.	Individual	4,770	14
Huang, P.M. Soil Science Saskatchewan	Solution and surface chemistry and mineralogy of soils and sediments 3yr - 3rd Inst.	Individual	48,972	03
Huang, R.Y.M. Chemical Eng. Waterloo	1) Synthesis and transport properties of polymer membranes 2) Equilibrium phase studies of ternary systems 3yr - 2nd Inst.	Individual	35,298	04
Hubbes, M. Faculty of Forestry Toronto	Factors influencing physiological and morphogenetic alterations within trees and their parasites during interaction 3yr - 2nd Inst.	Individual	19,080	03
Hube, D.P. Physics Alberta	Observational studies of early-type stars 3yr - 2nd Inst.	Individual	10,070	17
Huber, R.E. Chemistry Calgary	Relationship between the chemistry, the structure and the biological chemistry of proteins 3yr - 1st Inst.	Individual	58,300	02
Huber-Dyson, V.H. Philosophy Calgary	1) Decision problems 2) Categories and intuitionistic logic 3yr - 3rd Inst.	Individual	4,283	16
Hubert, J. Chimie Montréal	Analyses et speciations d'elements-traces 3ans - 1er vers.	Individuelle	31,098	05
Hubert, J.J. Math/Statistics Guelph	Multivariate quantal bioassays and bibliometric indicators 3yr - 2nd Inst.	Individual	5,777	14
Huck, P.M. Civil Engineering Alberta	Treatment of uranium effluents/Treatment of drinking water 3yr - 1st Inst.	Individual	13,780	04
Hudec, P.P. Geology Windsor	Beneficiation of concrete aggregate by surface-active agents 3yr - 1st Inst.	Individual	23,320	06
Hudgins, R.R. Chemical Eng. Waterloo	Studies in catalysis, clarification and coal beneficiation * with P.L.Silveston(Waterloo) 3yr - 3rd Inst.	Team	53,869	04
Hudson, R.J. Animal Science Alberta	Ecological bioenergetics of native ruminants	Individual	17,791	01

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Huebner, E. Zoology Manitoba	Oogenesis: Functional and developmental aspects 3yr - 3rd Inst.	Individual	18,365	02
Hughes, A.N. Chemistry Lakehead	Reactions of transition metal salts and complexes with hydroborate and other reducing agents: Applications to homogeneous and heterogeneous catalysis * with D.G.Holah(Lakehead) 3yr - 2nd Inst.	Team	25,440	05
Hughes, D.G. Physics Alberta	Nuclear magnetic resonance in solids 3yr - 2nd Inst.	Individual	19,854	15
Hughes, D.J.F. Comp. & Info. Sc. Brock	Automated programming support environment	Individual	4,736	07
Hughes, G.C. Botany British Columbia	Biology of symbiotic marine fungi 3yr - 1st Inst.	Individual	10,938	03
Hughes, M.R. Zoology British Columbia	Water and ion absorption, partitioning within body fluid compartments, and excretion in marine birds	Individual	13,838	01
Hughes, P.C. Aerospace Studies Toronto	Dynamics and control of spacecraft 3yr - 2nd Inst.	Individual	36,146	13
Hughes, V.A. Physics Queen's	Investigations of the interstellar medium and star formation 3yr - 2nd Inst.	Individual	37,100	17
Hughson, R.L. Kinesiology Waterloo	Cardiorespiratory control at the onset of exercise 3yr - 2nd Inst.	Individual	12,190	01
Hui, W.H. Applied Math. Waterloo	1) Unsteady high-speed aerodynamics 2) Dynamics of nonlinear water waves 3yr - 1st Inst.	Individual	21,624	13
Huizer, A. Civil Engineering Calgary	A weatherproof single wythe - concrete block masonry system 3yr - 3rd Inst.	Individual	9,794	06
Hull, T.E. Computer Science Toronto	Development, testing analysis and language facilities for numerical software 3yr - 3rd Inst.	Individual	48,972	07
Humar, J.L. Civil Engineering Carleton	1) Behaviour of structures subjected to seismic loading 2) Computer aided design of building structures 3yr - 2nd Inst.	Individual	14,840	06
Hume, D.J. Crop Science Guelph	Assimilate utilization in crop plants 3yr - 3rd Inst.	Individual	12,856	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hume, J.N.P. Computer Science Toronto	Analysis of computer systems 3yr - 3rd Inst.	Individual	28,159	07
Hummel, R.L. Chemical Eng. Toronto	Non-disturbing flow measurement cost effective solar collector principles	Individual	16,218	04
Humphrey, K.G. Psychology Lethbridge	Perceptual organization in infancy 3yr - 2nd Inst.	Individual	10,600	12
Huner, N.P.A. Plant Science Western Ontario	Photosynthetic adapatation of cereals to low growth temperature 3yr - 3rd Inst.	Univ. Research Fellow	24,486	03
Hunt, J.L. Physics Guelph	1) Collision induced spectra of simple molecules 2) The study of polymeric glasses by light scattering techniques 3yr - 1st Inst.	Individual	19,197	15
Hunt, L.A. Crop Science Guelph	Control of photosynthetic activity in small grains 3yr - 2nd Inst.	Individual	29,150	03
Hunte, W. Oceanography McGill	Life history evolution in aquatic organisms	Individual	16,430	18
Hunter, D.H. Chemistry Western Ontario	Behaviour of carbanions 3yr - 3rd Inst.	Individual	15,304	05
Hunter, D.L. Physics St. F. Xavier	Theoretical studies of critical phenomena: n-vector model and percolation 3yr - 1st Inst.	Individual	9,890	15
Hunter, M.A Psychology Victoria	Exploratory behavior and learning in infants and children 3yr - 2nd Inst.	Individual	7,420	12
Hunter, N.R. Chemistry Manitoba	Studies in organic synthesis and the oxidation of carbazate esters 3yr - 3rd Inst.	Individual	7,346	05
Hunter, R.B. Crop Science Guelph	Evaluation of corn germplasm for whole plant dry matter (silage) production 3yr - 3rd Inst.	Individual	15,304	03
Huntley, D.A. Oceanography Dalhousie	Nearshore and boundary layer dynamics 3yr - 3rd Inst.	Individual	26,935	10
Huntley, D.J. Physics Simon Fraser	Thermoluminescence dating of sediments 3yr - 3rd Inst.	Individual	23,519	15
Huot, J.C. Ctre.-Build. Stud. Concordia	Application of micro-dynamo to building project dynamics 3yr - 1st Inst.	Individual	10,600	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hurd, A.E. Mathematics Victoria	Applications of nonstandard analysis to statistical mechanics 3yr - 2nd Inst.	Individual	2,353	16
Hurdle, V.F. Civil Engineering Toronto	Travel time costs 3yr - 1st Inst.	Individual	13,780	06
Hurnik, J.F. Animal/Poultry Sc. Guelph	Control of feeding behaviour to improve feed conversion in swine and poultry	Individual	21,745	01
Hurwitz, H.M.B. Psychology Guelph	Schedule induced behavior and stress	Individual	4,240	12
Husain, T. Mathematical Sci. McMaster	Topics in functional analysis 3yr - 2nd Inst.	Individual	5,648	16
Huseyin, K. Systems Design Waterloo	Stability of systems 3yr - 1st Inst.	Individual	25,769	13
Hutcheon, D.A. Physics Alberta	* Refer to R.Abegg(Alberta)	Project		22
Hutcheon, D.A. Physics Alberta	IEP-75 - Test of T-Invariance in p-p scattering * with G.A.Moss, L.G.Greeniaus,W.C.Olsen, G.Roy(Alberta)	Project	7,100	22
Hutcheon, D.A. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22
Hutcheon, D.A. Physics Alberta	* Refer to J.M.Cameron(Alberta)	Project		22
Hutcheon, I.E. Geology & Geophys. Calgary	Geochemistry and water-rock interaction: Theoretical and applied to economic problems 2yr - 2nd Inst.	Individual	16,960	10
Hutchins, D.A. Physics Queen's	Characterization of defects in metals by digital ultrasonics 3yr - 1st Inst.	Univ. Research Fellow	13,780	15
Hutchinson, B.G. Civil Engineering Waterloo	Studies in urban development and transport engineering 3yr - 1st Inst.	Individual	43,672	06
Hutchinson, D.A. Chemistry Queen's	* Principal investigator J.K.S.Wan(Queen's) 3yr - 2nd Inst.	Team		05
Hutchinson, R.W. Geology Western Ontario	Geology, origin and metallogenic relationships of exhalative ore deposits 3yr - 3rd Inst.	Individual	26,935	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Hutchinson, T.C. Botany Toronto	Plant responses to metal and acid rain stresses: Mechanisms of adaptation and evolution 3yr - 1st Inst.	Individual	90,100	18
Hutton, S.G. Mechanical Eng. British Columbia	Development of more efficient wood cutting procedures 3yr - 3rd Inst.	Individual	15,916	13
Huynh, H.T. Génie électrique Laval	Systèmes de communications 3ans - 1er vers.	Individuelle	12,296	11
Huzinaga, S. Chemistry Alberta	Theory of the chemical bond and chemical reactions 3yr - 1st Inst.	Individual	39,578	05
Hynes, A.J. Geological Sciences McGill	Precambrian tectonic studies: Capricorn Orogen and James Bay 3yr - 2nd Inst.	Individual	15,900	10
Hynes, H.B.N. Biology Waterloo	Studies on the ecology of running water 3yr - 2nd Inst.	Individual	42,400	18
Ianuzzo, C.D. Physical Education York	Thyroid hormone: A determinant of the type of skeletal muscle myosin 3yr - 2nd Inst.	Individual	20,140	01
Ibrahim, R.K. Biolog. Sciences Concordia	Enzymology of plant phenolic compounds 3yr - 3rd Inst.	Individual	28,159	03
Idler, D.R. Mar. Sc. Res. Lab Memorial	Biological action, purification and structure of some fish pituitary hormones 3yr - 2nd Inst.	Individual	81,302	01
Iizuka, K. Electrical Eng. Toronto	Radars and optical communication	Individual	28,196	11
Inculet, I.I. Electrical Eng. Western Ontario	Electrification processes in industrial applications 3yr - 3rd Inst.	Individual	35,873	11
Ingalls, J.R. Animal Science Manitoba	Effect of protein degradability on amino acid supply for calves and lactating dairy cows 3yr - 1st Inst.	Individual	12,465	01
Ingledew, W.M. Dairy & Food Sci. Saskatchewan	Novel approaches to fermentation problems and quality control in industry 3yr - 2nd Inst.	Individual	21,200	02
Ingram, J.M. Microbiology Macdonald Coll	Molecular bases for evolution and cellular organization 3yr - 3rd Inst.	Individual	25,099	02
Ingram, R.G. Oceanography McGill	Effect of environmental changes on estuarine circulation and mixing 3yr - 2nd Inst.	Individual	16,960	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Innanen, K.A. Physics York	Structure, dynamics and evolution of stellar systems 3yr - 3rd Inst.	Individual	30,608	17
Innes, J.D. Civil Engineering New Brunswick	Access to airports 3yr - 1st Inst.	Individual	13,780	06
Innis, N.K. Psychology Western Ontario	Temporal and spatial control of behavioral organization 3yr - 3rd Inst.	Individual	7,714	12
Inniss, W.E. Biology Waterloo	Environmental and physiological activities of microorganisms in cold environments 3yr - 2nd Inst.	Individual	27,560	02
Iqbal, M. Mechanical Eng. British Columbia	Solar energy radiation and convection heat transfer 3yr - 2nd Inst.	Individual	26,023	13
Ircha, M.C. Civil Engineering New Brunswick	Techniques of equitably distributing goods and services in an urban environment: Improving the effectiveness of urban public works administration 3yr - 3rd Inst.	Individual	11,019	06
Ireland, R.J. Biology Carleton	Asparagine metabolism in pea and soybean plants 3yr - 3rd Inst.	Univ. Research Fellow	22,843	03
Iribarne, J.V. Physics Toronto	Atmospheric ions, nucleation in gaseous reactions and electrification processes in the atmosphere	Individual	14,700	17
Irish, D.E. Chemistry Waterloo	Studies of electrolytes and electrode/electrolyte interfaces by raman spectroscopy 3yr - 3rd Inst.	Individual	35,505	05
Irons, B.M.R. Civil Engineering Calgary	Industrial effectiveness of finite elements 2yr - 2nd Inst.	Individual	15,370	06
Irons, G.A. Metal/Mat. Science McMaster	Fundamental studies in injection metallurgy	Individual	14,310	04
Irvin, R.T. Botany Toronto	Immunochemical investigation of the Pseudomonas aeruginosa capsule 2yr - 1st Inst.	Individual	19,080	02
Irvine, D.M. Food Science Guelph	Thermal properties of dairy proteins 3yr - 1st Inst.	Individual	11,660	02
Irving, R.H. Management Sciences Waterloo	Modeling and evaluation of home and office communication-information systems	Individual	7,420	20
Irwin, D.J.G. Physics Cape Breton	Radiative meanlives by the beam-foil method 3yr - 2nd Inst.	Individual	2,809	15

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Irwin, J.C. Physics Simon Fraser	Optical properties of solids 3yr - 1st Inst.	Individual	23,097	15
Irwin, R.W. Engineering Guelph	Effects of land drainage and land use change on streamflow 3yr - 1st Inst.	Individual	14,840	06
Isaacson, M.S.Q. Civil Engineering British Columbia	Wave interactions with offshore structures 3yr - 3rd Inst.	Individual	28,159	06
Iscoe, I. Mathematics Ottawa	Occupation time problems for Markov processes 3yr - 1st Inst.	Individual	4,295	14
Isenor, N.R. Physics Waterloo	Laser interactions with atoms, molecules and surfaces 3yr - 2nd Inst.	Individual	22,578	15
Isgur, N. Physics Toronto	Project 82.01 Electron-proton collisions * with K.W.Edwards(Carleton),P.M.Patel, D.G.Stairs(McGill),J.D.Prentice, T-S.Yoon(Toronto)	Project		23
Isgur, N. Physics Toronto	Soft QCD: Hadronic structure with chromodynamics 3yr - 2nd Inst.	Individual	39,782	15
Ishaq, M. Mathématiques Laval	Représentations unitaires des groupes, fonctions généralisées des matrices, analyse tensorielle et applications aux graphes 3ans - 1er vers.	Individuelle	2,450	16
Ishaque, M. Bacteriology Québec - IAF	* Principal investigator D.Kluepfel(Univ. du Qué.-IAF) 3yr - 3rd Inst.	Team		02
Ishiguro, E.E. Biochem./Microbiol. Victoria	Peptidoglycan synthesis and antibiotic-induced lysis in Escherichia coli 3yr - 2nd Inst.	Individual	31,800	02
Islam, M.U.L. Computer Science Acadia	Task and resource scheduling problem in the data flow machines	Individual	7,420	07
Ismail, M.A. Computer Science Windsor	Data analysis & modeling of biomedical systems for diagnostic and prognostic purposes	Individual	8,480	07
Israel, R.B. Mathematics British Columbia	Mathematics of statistical physics 3yr - 2nd Inst.	Individual	11,295	16
Israel, W. Physics Alberta	Strong gravitational fields 3yr - 2nd Inst.	Individual	35,489	15
Israelstam, G.F. Botany Toronto	Physiological and biochemical responses to phytohormoes.I Gibberellic acid	Individual	4,240	03

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Isyumov, N. Fac. of Eng. Sci. Western Ontario	Studies of snow and wind loading 3yr - 3rd Inst.	Individual	14,692	06
Ito, M.R. Electrical Eng. British Columbia	Digital systems and digital signal processing 3yr - 1st Inst.	Individual	11,342	11
Ittipiboon, A. Electrical Eng. Manitoba	High efficiency feed for prime focus reflector antenna and the effects of ice and snow accretion on microwave antennas	Individual	11,660	11
Ivanoff, B.G. Mathematics Ottawa	Non-homogeneous stochastic point processes 3yr - 2nd Inst.	Individual	6,996	14
Ives, M.B. Metal/Mat. Science McMaster	Localized corrosion 3yr - 1st Inst.	Individual	18,338	04
Iyer, V.N. Biology Carleton	Molecular genetics of plasmids (of agrobacterium and rhizobium) 3yr - 1st Inst.	Individual	58,300	02
Izatt, J.R. Physique Laval	Applications spectroscopiques et biologiques du laser submillimétrique 2ans - 2e vers.	Individuelle	14,233	15
Jablonski, C.R. Chemistry Memorial	Synthetic and mechanistic organometallic chemistry 3yr - 2nd Inst.	Individual	8,480	05
Jackson, D.M. Combin./Optimiz. Waterloo	Computational and formal aspects of combinatorial enumeration 3yr - 1st Inst.	Individual	27,678	16
Jackson, D.P. Eng. Physics McMaster	Ion solid interaction and the first wall problem in fusion reactors 3yr - 2nd Inst.	Individual	5,300	15
Jackson, H.L. Mathematical Sci. McMaster	The boundary behaviour of potential functions 3yr - 3rd Inst.	Individual	11,425	16
Jackson, K.P. TRIUMF Simon Fraser	* Refer to J.M.D'Auria(Simon Fraser)	Project		22
Jackson, K.P. TRIUMF Simon Fraser	* Refer to R.G.Korteling(Simon Fraser)	Project		22
Jackson, K.P. TRIUMF Simon Fraser	* Refer to J.M.D'Auria(Simon Fraser)	Project		22
Jackson, K.P. Chemistry Simon Fraser	IEP-112 - In search of a Tredecabaryon resonance * with J.M.D'Auria,R.G.Korteling(Simon Fraser)	Project	18,900	22

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Jackson, K.R. Computer Science Toronto	An investigation of the use of iterative linear equation solvers in codes for stiff ODEs 3yr - 3rd Inst.	Univ. Research Fellow	12,243	07
Jackson, P.D. Physics York	Investigations of the structure and dynamics of the outer portions of our galaxy 3yr - 1st Inst.	Individual	10,070	17
Jacob, A. Ingénierie Qué.-Trois-Riv.	* Chercheur principal V.Rajagopalan(Qué.-Trois Rivières) 3ans - 3e vers.	Equipe		11
Jacobs, A.E. Physics Toronto	Theory of charge-density-wave systems 3yr - 1st Inst.	Individual	10,600	15
Jacobs, J.D. Geography Windsor	Paleoenvironments of the Frobisher Bay Area, Baffin Island, NWT 2yr - 1st Inst.	Individual	8,480	10
Jacobs, P.W.M. Chemistry Western Ontario	Solid state physical chemistry 3yr - 3rd Inst.	Individual	56,318	05
Jacobs, W.J. Psychology British Columbia	Mediation of avoidance responding in the rat 3yr - 3rd Inst.	Univ. Research Fellow	12,243	12
Jacobson, A.L. Chemistry Calgary	Liquid crystalline behavior of proteins 3yr - 1st Inst.	Individual	19,080	02
Jacoby, L.L. Psychology McMaster	Memory, awareness, amnesia and expertise 3yr - 2nd Inst.	Individual	23,532	12
Jaeger, L.G. Civil Engineering Tech. Univ. N.S.	1) Load distribution in highway bridges 2) Computer based analysis systems for highway bridges 3yr - 1st Inst.	Individual	21,200	06
James, B.R. Chemistry British Columbia	Binding of gas molecules and homogeneous catalysis by coordination compounds, organometallics, and bioinorganic model systems 3yr - 3rd Inst.	Individual	67,337	05
James, C.R. Electrical Eng. Alberta	Laser-plasma interaction processes 3yr - 1st Inst.	Individual	22,472	11
James, D.F. Mechanical Eng. Toronto	Non-newtonian fluid mechanics and biomedical engineering 3yr - 2nd Inst.	Individual	26,182	13
James, N.P. Earth Sciences Memorial	Facies anatomy and diagenetic evolution of early paleozoic carbonates	Individual	50,880	10

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
James, W. Civil Engineering McMaster	Software for design in computational hydraulics 3yr - 2nd Inst.	Individual	28,620	06
Jamieson, D.G. Psychology Calgary	Perception and psychophysics 3yr - 3rd Inst.	Individual	12,243	12
Jamieson, J.C. Chemistry Manitoba	Studies on structure, function and control of biosynthesis of mammalian glycoproteins, particularly acute phase rat a1 - AGP glycoprotein 3yr - 3rd Inst.	Individual	35,505	02
Jamieson, R.A. Geology Dalhousie	1) Emplacement of ophiolites 2) The Avalon Zone in Nova Scotia 2yr - 2nd Inst.	Individual	14,840	10
Jammu, K.S. Physics Prince Edward Isl	Water characterization by scattering properties 3yr - 3rd Inst.	Individual	3,905	15
Jan, N. Physics St. F. Xavier	Phase transitions and critical phenomena 3yr - 1st Inst.	Individual	10,600	15
Jana, S. Crop Science Saskatchewan	Population dynamics and the conservation of barley gene pools 3yr - 3rd Inst.	Individual	22,037	02
Jandl, S. Physique Sherbrooke	Phénomènes de la diffusion dans les solides à dimensions réduites et les pérovskytes 3ans - 2e vers.	Individuelle	30,878	15
Janischewskyj, W. Electrical Eng. Toronto	Engineering of high voltage discharges 3yr - 1st Inst.	Individual	22,472	11
Jankowski, C.K. Chimie Moncton	Réactions de Diels-Alder sur les diènes silylés: synthèse asymétrique, aza-5-glucides 3ans - 1er vers.	Individuelle	12,190	05
Jans, J.E. Psychology Concordia	Nesting patterns: Implications for development 3yr - 2nd Inst.	Individual	7,420	12
Janz, J.T. Management Sciences Calgary	Communication networks and selection utility analysis	Individual	2,120	20
Janzen, A.F. Chemistry Manitoba	Dynamic NMR studies of phosphorus, silicon and sulfur compounds 3yr - 3rd Inst.	Individual	24,486	05
Janzen, E.G. Chemistry Guelph	Spin trapping chemistry	Individual	40,280	05
Jardine, D.A. Comp. & Info. Sc. Queen's	Formal description of conceptual schemas	Individual	7,718	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Jarvis, G.T. Geology Toronto	The tectonic role of the lithosphere 3yr - 2nd Inst.	Univ. Research Fellow	18,020	10
Jasmin, G. Génie électrique Sherbrooke	1) Simulation électronique de transformateurs de puissance 2) Simulation électronique de centrales hydro-électriques 3ans - 2e vers.	Individuelle	13,547	11
Jay, E. Chemistry New Brunswick	1) Study of transcriptional and translational controls for gene expression 2) DNA chemical synthesis and sequence analysis 3yr - 3rd Inst.	Individual	29,383	02
Jay, S.C. Entomology Manitoba	The social structure and behaviour of honey bee colonies	Individual	8,480	18
Jean, R.V. Sciences pures Québec-Rimouski	Modélisation mathématique de la croissance végétale 3ans - 2e vers.	Individuelle	4,505	18
Jefferies, R.L. Botany Toronto	The effects of lesser snow geese on tundra primary production. Genecology of the Salicornia europaea complex. Phenotypic plasticity in Triglochin maritima 3yr - 1st Inst.	Individual	29,680	18
Jeffers, S. Physics York	Optical studies of early type stars 3yr - 3rd Inst.	Individual	7,958	17
Jeffrey, D.J. Mechanical Eng. McGill	Hydrodynamic interaction between particles	Individual	15,590	13
Jeffrey, K.R. Physics Guelph	Dynamic structure of model and biological membrane systems 3yr - 1st Inst.	Individual	25,981	15
Jeje, A. Chem. & Pet. Eng. Calgary	Microhydrodynamics (flow of fluids in narrow passages) 3yr - 2nd Inst.	Individual	13,674	04
Jelen, P. Food Science Alberta	Properties of cheese whey and its components 3yr - 3rd Inst.	Individual	15,916	03
Jeng, R.S. Forestry Toronto	Induced resistance, a non-chemical control of vascular wilt diseases in forestry 2yr - 1st Inst.	Univ. Research Fellow	15,900	03
Jenkins, H.M. Psychology McMaster	Animal signaling systems 3yr - 3rd Inst.	Individual	42,361	12
Jenkins, M.A.G. Comp. & Info. Sc. Queen's	Design of an integrated programming environment based on array and record data structures 3yr - 3rd Inst.	Individual	18,365	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Jenkyns, T.A. Mathematics Brock	Expected performance of the greedy heuristic 3yr - 2nd Inst.	Individual	1,166	16
Jenner, G.A. Earth Sciences Memorial	Petrogenesis of ophiolites and mantle heterogeneity through time 3yr - 1st Inst.	Univ. Research Fellow	15,900	10
Jennings, B.K. TRIUMF British Columbia	Many-body aspects of nuclear and intermediate energy physics 3yr - 1st Inst.	Individual	15,900	15
Jensen, D.G. Mining/Metal. Eng. McGill	Geophysical analysis/Earth mechanics	Individual	12,720	10
Jensen, R.K. Physical Education Laurentian	Segmental size, inertial and functional properties of children 3yr - 2nd Inst.	Individual	14,363	13
Jepson, A.D. Computer Science Toronto	Paths of singular points, and their computation	Individual	3,180	16
Jeremie, H. Physique Montréal	Interactions faibles et électromagnétiques en physique nucléaire * avec P.H.M.Depommier, L.Lessard(Montréal)	Equipe	31,800	22
Jericho, M.H. Physics Dalhousie	Transport properties and phase transitions 3yr - 3rd Inst.	Individual	33,619	15
Jernigan, M.E. Systems Design Waterloo	Multidimensional signal processing and pattern recognition 3yr - 1st Inst.	Individual	15,052	11
Jervis, R.E. Chem Eng/App Chem Toronto	Chemical behaviour of trace components - radioanalytial studies 3yr - 3rd Inst.	Individual	30,608	04
Jessop, P.E. Eng. Physics McMaster	Investigation of semiconductor lasers and their application to spectroscopy 3yr - 2nd Inst.	Univ. Research Fellow	15,900	15
Jeswiet, J. Mechanical Eng. Queen's	Researches in metal forming-rolling	Individual	9,858	13
Jobin, J. Géodésie/cartog. Laval	Deux études en métrologie appliquée aux sciences géodésiques 3ans - 3e vers.	Individuelle	11,019	06
Joe, H.S.W. Mathematics British Columbia	Residual life functions	Individual	4,000	14
Joffe, A. Math/statistiques Montréal	Processus stochastiques et leurs applications 3ans - 2e vers.	Individuelle	6,996	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Jofriet, J.C. Engineering Guelph	Parametric study and experimental investigation of bottom unloading farm silos 3yr - 1st Inst.	Individual	16,960	06
John, P.K. Physics Western Ontario	Laser interaction with plasmas and plasma interaction with solids 3yr - 3rd Inst.	Individual	19,209	15
Johns, K.C. Génie civil Sherbrooke	Effets de la durée de sollicitation du bois 3ans - 2e vers.	Individuelle	14,840	06
Johnson, B.R. Mathematics Victoria	Bayesian large sample theory; information theory; geometric probability 3yr - 2nd Inst.	Individual	7,526	14
Johnson, D.A. Biology Ottawa	Investigation of legume symbiosis at the molecular level 3yr - 3rd Inst.	Univ. Research Fellow	24,486	03
Johnson, E.A. Biology Calgary	Disturbance regimes and forest dynamics 3yr - 1st Inst.	Individual	14,840	18
Johnson, J.A. Pathology Guelph	The effect of immunomodulating agents on the resistance to experimental Corynebacterium (Rhodococcus) equi infection 3yr - 2nd Inst.	Individual	11,978	01
Johnson, K.E. Chemistry Regina	Chemistry of coal gasification particularly involving molten salts 3yr - 3rd Inst.	Individual	7,958	05
Johnson, P.G. Geography Ottawa	Paraglacial terrain development by mass movement processes. The control of hydrological systems	Individual	10,600	10
Johnson, R.R. Physics British Columbia	* Refer to Y.M.Shin(Saskatchewan)	Project		22
Johnson, R.R. Physics British Columbia	IEP-38 - PI scattering and PI absorption * with K.L.Erdman, E.W.Blackmore,D.R.Gill(British Columbia)	Project	89,250	22
Johnson, R.R. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Johnson, W.R. Mechanical Eng. Toronto	Gas nuclei stability on surfaces 3yr - 3rd Inst.	Univ. Research Fellow	12,243	13
Johnston, B.O. Statistics Manitoba	Computer developed expected mean squares 3yr - 2nd Inst.	Individual	2,279	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Johnston, C.D. Civil Engineering Calgary	1) Properties and applications of plain concrete 2) Fibre reinforced concrete, and ferrocement 3yr - 3rd Inst.	Individual	20,813	06
Johnston, G.W. Aerospace Studies Toronto	Aerodynamic noise and aerodynamics 3yr - 3rd Inst.	Individual	20,201	13
Johnston, R.D. INRS-Télécomm. Québec - INRS	Models for interactive visual communication systems 3yr - 3rd Inst.	Individual	9,305	11
Johnston, R.H. Electrical Eng. Calgary	High frequency measurement techniques 3yr - 2nd Inst.	Individual	11,024	11
Johnston, T.W. INRS - Energie Québec - INRS	* Chercheur principal H.Pépin(INRS-Québec) 3ans - 2e vers.	Equipe		15
Johnstone, I.P. Physics Queen's	Studies of nuclear structure in the 1f2p and 1p shells 3yr - 1st Inst.	Individual	15,826	15
Jolicoeur, C.R. Chimie Sherbrooke	Fluctuations thermodynamiques en milieux aqueux: Biocolloïdes et systèmes modèles 3ans - 2e vers.	Individuelle	37,100	05
Jolicoeur, P. Psychology Saskatchewan	Studies on human visual information processing 3yr - 1st Inst.	Individual	13,250	12
Joliffe, I.B. Civil Engineering Alberta	Simulation of urban drainage networks 2yr - 2nd Inst.	Individual	4,594	06
Jolliffe, P.A. Plant Science British Columbia	CO2 effects on plants and leaves 3yr - 1st Inst.	Individual	28,620	03
Jolly, W.T. Geological Sciences Brock	Igneous and metamorphic petrology of Huronian volcanic rocks, Ontario 3yr - 1st Inst.	Individual	14,840	10
Jonas, J.J. Metallurgical Eng. McGill	Metallurgical aspects of metal processing 3yr - 1st Inst.	Individual	62,116	04
Jones, B. Geology Alberta	Silurian-Devonian biostratigraphy of Western Canada and Arctic Canada 3yr - 1st Inst.	Individual	21,200	10
Jones, C.H.W. Chemistry Simon Fraser	Mössbauer spectroscopic studies 3yr - 3rd Inst.	Individual	20,201	05
Jones, D.R. Zoology British Columbia	Control of cardiovascular and respiratory responses to diving 3yr - 2nd Inst.	Individual	64,660	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Jones, F.W. Physics Alberta	Electromagnetic induction, heat flow, and Earth tides and tilts 3yr - 2nd Inst.	Individual	21,200	10
Jones, G. Physics British Columbia	IEP-76 - UBC salary budget * with D.A.Axen,K.L.Erdman, D.G.Fleming,M.D.Hasinoff, R.R.Johnson,D.F.Measday,C.J.Oram, P.L.Walden(British Columbia)	Project	318,000	22
Jones, G. Physics British Columbia	IEP-74 - Pion production from light nuclei bombarded with polarized protons * with P.L.Walden,E.G.Auld(British Columbia)	Project	28,000	22
Jones, H.G. INRS - Eau Québec - INRS	Snow pack chemistry and melt water quality 2yr - 1st Inst.	Individual	10,600	10
Jones, H.W. Physics Dalhousie	Ultrasonic imaging for nondestructive testing, underwater search and medical applications 3yr - 3rd Inst.	Individual	12,133	15
Jones, J. Physics Western Ontario	Meteor radiant distribution, meteoroid ablation, meteor stream evolution 3yr - 3rd Inst.	Individual	15,916	17
Jones, J.B. Chemistry Toronto	Studies in biological and organic chemistry 3yr - 1st Inst.	Individual	72,968	05
Jones, J.P. Math/Statistics Calgary	Studies in recursion theory and diophantine equations 3yr - 1st Inst.	Individual	7,000	16
Jones, P.H. Civil Engineering Toronto	Biological removal of phosphorus (and nitrogen) in wastewater treatment processes 3yr - 1st Inst.	Individual	23,320	06
Jones, S.M. Animal/Poultry Sc. Guelph	The measurement of physiological maturity in cattle 3yr - 2nd Inst.	Individual	9,540	01
Jones, W.D. Psychology Carleton	Probability models of hemispheric specialization 3yr - 1st Inst.	Individual	19,186	12
Jones, W.E. Chemistry Dalhousie	Spectroscopic and kinetic studies on gas phase species and the gas-solid interface 3yr - 1st Inst.	Individual	32,330	05
Jonker, L.B. Math/Statistics Queen's	Dynamical systems 3yr - 3rd Inst.	Individual	5,712	16
Joos, B. Physics Simon Fraser	Theory of intercalated materials and special defects in semiconductors 2yr - 2nd Inst.	Univ. Research Fellow	10,600	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Joos, G. Electricité Québec - ETS	* Voir E.D.Goodman(Ecole de technologie supérieure) 3ans - 1er vers.	Equipe		11
Jordaan, I.J. Civil Engineering Calgary	Risk analysis of offshore projects in ice-infested waters 3yr - 1st Inst.	Individual	16,960	06
Jordan, D.C. Microbiology Guelph	Mechanisms of iron uptake by legume root nodule bacteria and their relation to nodulation and N2-fixation 3yr - 2nd Inst.	Individual	16,960	03
Jordan, R.B. Chemistry Alberta	Ligand substitution and electron transfer mechanisms of transition metal complexes 3yr - 3rd Inst.	Individual	35,505	05
Josephy, P.D. Chemistry Guelph	Bioactivation of carcinogenic aromatic amines: Chemical studies	Individual	15,900	05
Joshi, R.C. Civil Engineering Calgary	1) Simple tests to evaluate pozzolanic activity and self hardening properties of fly ash 2) Sulphate resistance and durability of geocretes and fly ash concretes 3) Thermal & bacterial stabilization of soils 4) Time-fly slurry injection for pollution control	Individual	13,780	06
Joshi, V.M. Stat. & Actuar. Sc Western Ontario	1) Estimation in finite populations 2) Standard p-functions 3) Topics in mathematical statistics 3yr - 2nd Inst.	Individual	14,872	14
Joshi, Y.N. Physics St. F. Xavier	1) Spectra of highly ionized atoms 2) Absorption spectroscopy below 2000 A 3yr - 2nd Inst.	Individual	18,794	15
Jovanovich, J.V. Physics Manitoba	Neutron induced reactions with a drift chamber spectrometer	Individual	12,720	22
Joy, K.W. Biology Carleton	Metabolism of amides and related amino acids in plants 3yr - 3rd Inst.	Individual	31,832	03
Joy, M.L.G. Bio-Med Eng. Toronto	Nuclear medical imaging 3yr - 3rd Inst.	Individual	17,508	11
Joyal, A. Mathématiques Québec-Montréal	* Chercheur principal P.Leroux(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe		16
Judd, R.L. Mechanical Eng. McMaster	Nucleate boiling heat transfer 3yr - 1st Inst.	Individual	22,896	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Jull, E.V. Electrical Eng. British Columbia	Applied diffraction theory and antennas 3yr - 1st Inst.	Individual	21,179	11
Jullien, G.A. Electrical Eng. Windsor	Very high speed digital filtering * with W.C.Miller(Windsor) 3yr - 3rd Inst.	Team	21,181	11
Jumarie, G.R.M. Mathématiques Québec-Montréal	Développement et applications de la théorie relativiste de l'information 3ans - 1er vers.	Individuelle	10,176	11
Jurdjevic, V. Mathematics Toronto	Families of vector fields and non-linear control theory 3yr - 2nd Inst.	Individual	11,295	16
Jury, J.W. Physics Trent	1) Nuclear absorption of gamma radiation 2) Detection and monitoring of high energy gamma radiation	Individual	31,800	22
Just, G. Chemistry McGill	Synthesis of natural products and analogs having biological activity 3yr - 1st Inst.	Individual	59,890	05
Justice, J.H. Geology & Geophys. Calgary	Array processing in exploration seismology 2yr - 1st Inst.	Individual	21,200	10
Kabe, D.G. Mathematics Saint Mary's	Statistical methods in mathematical programming 3yr - 1st Inst.	Individual	6,980	14
Kafer, E. Biology McGill	Genetics of DNA-repair and recombination (esp. nucleases) in Neurospora crassa 3yr - 3rd Inst.	Individual	42,851	02
Kahawita, R.A. Génie civil Ecole Polytechnique	Modèles mathématiques des rivières et estuaires 3ans - 1er vers.	Individuelle	13,780	06
Kahneman, D. Psychology British Columbia	Studies of attention to perceptual objects 3yr - 1st Inst.	Individual	52,070	12
Kaiser, P.K. Civil Engineering Alberta	Underground openings in soft, weak rock/mobile debris movements 3yr - 2nd Inst.	Individual	15,900	10
Kaiser, P.K. Psychology York	Studies on spectral sensitivity, color discrimination & saturation 3yr - 3rd Inst.	Individual	36,729	12
Kaiser, R. Physics New Brunswick	Nonlinear features of nuclear magnetic resonance 3yr - 1st Inst.	Individual	15,900	15
Kakuda, Y. Food Science Guelph	Physical, chemical and functional properties of Canola Lecithin 3yr - 1st Inst.	Individual	11,479	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kalbfleisch, J.D. Statistics Waterloo	Estimation of transition rates in multi-state processes 3yr - 1st Inst.	Individual	28,992	14
Kalbfleisch, J.G. Statistics Waterloo	Statistical methods and applications 3yr - 1st Inst.	Individual	6,443	14
Kaler, K.V.I. Electrical Eng. Calgary	Automated dielectrophoretic separation/Characterisation of biological cells 3yr - 1st Inst.	Individual	12,614	11
Kalff, J. Biology McGill	The ecology of phytoplankton and aquatic macrophytes 3yr - 2nd Inst.	Individual	51,940	18
Kaliaguine, S. Génie chimique Laval	Cinétique hétérogène - thermodynamique 3ans - 1er vers.	Individuelle	26,288	04
Kalman, C.S. Physics Concordia	The quark-quark potential and application to many quark systems 3yr - 3rd Inst.	Individual	3,673	15
Kaloni, P.N. Mathematics Windsor	Research problems in theoretical mechanics 3yr - 3rd Inst.	Individual	15,304	13
Kaltofen, E. Computer Science Toronto	Efficient algorithms for diophantine problem with emphasis on polynomial factorization	Individual	10,600	07
Kamal, A.N. Physics Alberta	Theoretical particle physics 3yr - 1st Inst.	Individual	26,383	15
Kamal, M.R. Chemical Eng. McGill	Polymer processing and characterization 3yr - 3rd Inst.	Individual	37,219	04
Kameda, T. Computer Science Simon Fraser	1) Database systems 2) Efficient algorithms for acomputer applications 3yr - 2nd Inst.	Individual	28,874	07
Kamel, M.S. Comp. & Info. Sc. Guelph	Efficient solutions of large systems	Individual	9,944	07
Kamel, M.T. Mathematics New Brunswick	Boundary-value problems in polar fluids 3yr - 2nd Inst.	Individual	1,412	16
Kamper, K.W. Astronomy Toronto	Astrometric and spectroscopic studies of nearby binary stars 3yr - 3rd Inst.	Individual	9,183	17
Kamphuis, J.W. Civil Engineering Queen's	Research on coastal modelling and on sediment transport rates 3yr - 1st Inst.	Individual	29,680	06
Kanasewich, E.R. Physics Alberta	Geophysical investigations of the crust and upper mantle 3yr - 1st Inst.	Individual	55,120	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kanda, A. Computer Science British Columbia	The semantics of computable data types	Individual	9,540	07
Kane, R.M. Mathematics Western Ontario	The homology of H-spaces 3yr - 2nd Inst.	Individual	15,059	16
Kannappan, P. Pure Mathematics Waterloo	Information theory, functional equations, quasigroups and loops, linear algebra 3yr - 1st Inst.	Individual	8,819	16
Kannenberg, L.W. Crop Science Guelph	Gene pool development and the elucidation of characteristics affecting performance of corn germ plasm 3yr - 2nd Inst.	Individual	36,040	02
Kanter, M. Statistics Toronto	Detection of outliers in time series 3yr - 2nd Inst.	Individual	12,248	14
Kao, K.C. Electrical Eng. Manitoba	Electrical and optical properties of materials (Semiconductors and Insulators), their applications and characterization techniques 3yr - 1st Inst.	Individual	34,874	11
Kaplan, B.J. Psychology Calgary	Analysis of rodent electrocorticographic (ECoG) spindles 3yr - 3rd Inst.	Individual	9,794	12
Kaplan, J.G. Biochemistry Alberta	Mechanism of the proliferative activation of lymphocytes 3yr - 2nd Inst.	Individual	53,000	02
Kaplan, M.A. INRS-Télécomm. Québec - INRS	Switching studies for delay-based telecommunication networks	Individual	10,726	07
Kapoor, M. Biology Calgary	Studies in regulation of gene expression and enzyme function 3yr - 1st Inst.	Individual	29,680	02
Kapoor, N.N. Biology Concordia	Comparative studies on the cuticular structures of some plecopteran nymphs 2yr - 2nd Inst.	Individual	9,571	01
Kapral, R.E. Chemistry Toronto	Statistical mechanics of relaxation processes and chemical kinetics 3yr - 2nd Inst.	Individual	41,870	05
Karakiewicz, B. INRS-Océanolog. Québec - INRS	Formation de systèmes de barres d'avant-côte sous l'action des houles progressives (Analyse du mécanisme théorique de formation et modélisation mathématique) 2ans - 1er vers.	Individuelle	10,600	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Karamanos, R.E. Soil Science Saskatchewan	Utilization of changes in natural 15N abundance in the study of the nitrogen cycle 2yr - 1st Inst.	Univ. Research Fellow	24,486	03
Karasek, F.W. Chemistry Waterloo	Ultra-trace organic analysis by instrumental methods 3yr - 2nd Inst.	Individual	38,160	05
Karim, G.A. Mechanical Eng. Calgary	Experimental and analytical studies of some combustion phenomena and systems 3yr - 3rd Inst.	Individual	34,893	13
Karl, G. Physics Guelph	Research work in theoretical physics 3yr - 2nd Inst.	Individual	31,749	15
Karman, D. Chemical Eng. New Brunswick	Optimization of waste heat recovery systems 3yr - 1st Inst.	Individual	12,340	04
Karrass, A. Mathematics York	Treed HNN groups and applications 3yr - 1st Inst.	Individual	15,678	16
Karrow, P.F. Earth Sciences Waterloo	Quaternary stratigraphy and interglacial-interstadial environments 3yr - 1st Inst.	Individual	30,740	10
Kasha, K.J. Crop Science Guelph	Research on the production and utilization of haploids in crops 3yr - 3rd Inst.	Individual	34,280	03
Kasinsky, H.E. Zoology British Columbia	Studies on histone changes during spermiogenesis and early embryogenesis in amphibians and other animals 3yr - 1st Inst.	Individual	23,320	02
Kates, M. Biochemistry Ottawa	Chemistry and metabolism of cellular lipids 3yr - 1st Inst.	Individual	41,400	05
Katz, A.N. Psychology Western Ontario	The representation and function of referential properties: Literal versus figurative meaning 3yr - 2nd Inst.	Individual	11,660	12
Kaufman, W.R. Zoology Alberta	Physiological and developmental studies on the salivary glands of ixodid ticks (Acari:Ixodidae) 3yr - 3rd Inst.	Individual	15,304	01
Kaul, S.K. Mathematics Regina	Continuous and discrete transformation groups. Tranformation groups with generative group 3yr - 1st Inst.	Individual	3,430	16
Kavaliers, M. Zoology Western Ontario	The pineal gland, environmental factors and neuropeptide functions 2yr - 1st Inst.	Univ. Research Fellow	24,380	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kay, B.D. Land Resource Sc Guelph	Quantitative characterization of mass and heat transfer in freezing soils 3yr - 3rd Inst.	Individual	23,262	10
Kay, C.W. Microbiology Guelph	Investigation of antigenic profiles of infectious pancreatic necrosis virus 3yr - 3rd Inst.	Individual	12,243	02
Kay, D.A.R. Metal/Mat. Science McMaster	Fundamental studies for iron and steel making processes 3yr - 3rd Inst.	Individual	23,751	04
Kay, W.W. Biochem./Microbiol. Victoria	Biochemistry and genetic regulation of carboxylic acid transport in bacteria 3yr - 2nd Inst.	Individual	43,460	02
Kaye, B.H. Physics Laurentian	Rheology of suspensions. Cybernetic instruments for characterizing fine particles 3yr - 3rd Inst.	Individual	25,258	15
Kayser, M.M. Chimie Québec-Montréal	Nucleophilic addition to carbonye groups	Individuelle	16,428	05
Kayser, M.M. Chemistry Moncton	Nucleophilic addition to carbonyl groups	Individual	532	05
Kearney, R.E. Bio-Med Eng. McGill	Biomedical systems identification and parameter estimation 3yr - 1st Inst.	Individual	21,624	11
Keast, J.A. Biology Queen's	1) Ecology & biogeography of freshwater fish communities 2) Zoogeography of continental vertebrate faunas 3yr - 2nd Inst.	Individual	36,040	18
Keast, P. Math/Comp Science Dalhousie	Numerical evaluation of multidimensional integrals 3yr - 1st Inst.	Individual	10,065	07
Keast, P. Computer Science Toronto	Numerical evaluation of multidimensional integrals	Individual	4,013	07
Keates, R.A.B. Chemistry Guelph	Mechanisms of microtubule assembly 3yr - 3rd Inst.	Individual	15,916	02
Kebarle, P. Chemistry Alberta	Gas phase ion chemistry - relationships with ions in solution 3yr - 1st Inst.	Individual	77,000	05
Keddy, P.A. Biology Ottawa	Ecology of freshwater shoreline plant associations 3yr - 2nd Inst.	Individual	22,790	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Keeler, R.K. Physics Victoria	Proton-antiproton annihilation 3yr - 1st Inst.	Univ. Research Fellow	16,500	22
Keeler, W.J. Physics Lakehead	Experimental physics research in semiconductors 3yr - 1st Inst.	Individual	15,508	15
Keenan, F.J. Forestry Toronto	A unified model for the behaviour of mechanical fasteners in wood joints 3yr - 1st Inst.	Individual	13,780	06
Keenan, T.P. Computer Science Calgary	Security, privacy, and integrity enhancements for small computers	Individual	5,783	07
Keener, L.L. Math,Stat&Comp Sc Dalhousie	Uniform and Lp approximation with side conditions 2yr - 2nd Inst.	Individual	4,236	16
Keenleyside, M.H.A. Zoology Western Ontario	Reproductive behaviour in fishes 3yr - 1st Inst.	Individual	25,440	18
Keffer, J.F. Mechanical Eng. Toronto	Structure of turbulent flows 3yr - 1st Inst.	Individual	48,760	13
Keil, M. Chemistry Alberta	Intramolecular energy transfer; gas-phase reactions of weakly-bound molecules	Individual	15,900	05
Kelker, D.H. Statistics Alberta	1) Probability distributions on the sphere applied to geology 2) Nonnormality and heritability of plant characters 3) Special functions and infinite divisibility 3yr - 2nd Inst.	Individual	4,028	14
Keller, E. Linguistics Québec-Montréal	* Principal investigator D.J.Ostry(McGill) 3yr - 2nd Inst.	Team		12
Keller, W.A. Biology Carleton	Production of haploids and somatic hybrids in oilseed and horticultural crops 3yr - 1st Inst.	Individual	15,900	02
Kellman, M.C. Geography York	Capture and retention of atmospheric nutrients by pine savanna ecosystems 3yr - 2nd Inst.	Individual	16,960	18
Kelln, R.A. Chemistry Regina	Regulation of pyrimidine and arginine metabolism in enteric bacteria 3yr - 2nd Inst.	Individual	22,260	02
Kelly, C.A. Biology Winnipeg	Production of alkalinity by sulfate reduction in acidified lakes * with J.W.M. Rudd(Winnipeg) 2yr - 1st Inst.	Team	19,080	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kelly, D. Mathematics Manitoba	Dimension of posets, lattice theory and universal algebra 3yr - 3rd Inst.	Individual	5,712	16
Kelly, D.H. Electrical Eng. Alberta	1) Least squares economic dispatch 2) Incipient fault detection by field signatures 3yr - 1st Inst.	Individual	6,890	11
Kelly, F.M. Physics Manitoba	Atomic spectra and radiation from atoms and infrared atomic & molecular spectra 3yr - 3rd Inst.	Individual	21,340	15
Kelly, J.B. Psychology Carleton	Studies of the central auditory system 3yr - 3rd Inst.	Individual	24,486	12
Kelly, R.B. Chemistry New Brunswick	Synthesis of natural products 3yr - 2nd Inst.	Individual	13,780	05
Kempton, A.G. Biology Waterloo	Computer modelling in the study of the microbial ecology of foods	Individual	7,420	03
Kendall, S.B. Psychology Western Ontario	Preference in simple games of chance 3yr - 1st Inst.	Individual	4,240	12
Kendrick, W.B. Biology Waterloo	Systematics, development, ecology, toxicology and biogeography of microfungi 3yr - 2nd Inst.	Individual	69,960	03
Kendrick, W.B. Biology Waterloo	Bioerosion of calcareous substrates by fungi * with M.J.Risk(McMaster)	Co-op	11,300	03
Kennedy, B.W. Animal/Poultry Sc. Guelph	Genetics of milk composition in dairy cattle 3yr - 3rd Inst.	Individual	18,365	01
Kennedy, D.J. Geology Brandon	Ordovician conodont taxonomy and biostratigraphy 2yr - 1st Inst.	Individual	10,600	10
Kennedy, D.J.L. Civil Engineering Alberta	Limit states design of steel sheet plate structures and supporting grillages under transverse loading 3yr - 1st Inst.	Individual	26,500	06
Kennedy, G.G. Inst de génie nucl. Ecole Polytechnique	Amélioration de la détection des radioisotopes de demi-vie courte	Individuelle	15,900	22
Kennedy, H.A. Botany Manitoba	Systematic studies of Calathea subgenus Macropus 3yr - 3rd Inst.	Individual	9,794	03

1.1 Operating Grants (continued)/Subventions pour dèpenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kennedy, J.B.P. Civil Engineering Windsor	1) Control of cracking in continuous bridges of composite construction 2) Reinforced earth abutments supporting soil-steel structures 3) Cold bending of HSS beams 3yr - 1st Inst.	Individual	48,750	06
Kennedy, J.M. Life Sciences Toronto	Depiction by blind subjects 3yr - 3rd Inst.	Individual	12,243	12
Kennedy, J.S. Mechanical Eng. Alberta	Flow characteristics in two successive pipe elbows 3yr - 1st Inst.	Individual	11,978	13
Kennedy, P.M. Animal Science Alberta	Rumen particulate matter turnover and comminution in forage intake 3yr - 3rd Inst.	Univ. Research Fellow	12,243	01
Kennelly, J.J. Animal Science Alberta	Dysprosium and cobalt-EDTA as gastro-intestinal markers 3yr - 3rd Inst.	Individual	18,365	01
Kennett, T.J. Physics McMaster	Pure and applied nuclear physics 3yr - 3rd Inst.	Individual	51,421	22
Kenney, T.C. Civil Engineering Toronto	Compacted soil liners to control contaminant migration 3yr - 2nd Inst.	Individual	22,684	10
Kenney-Wallace, G.A. Chemistry Toronto	Picosecond laser studies of molecular and chemical dynamics	Individual	63,600	05
Kent, C.F. Mathematical Sci. Lakehead	Application of logic to theoretical computer science 3yr - 2nd Inst.	Individual	1,942	16
Kent, R.D. Computer Science Windsor	Application of unitary group theory to atomic, molecular and solid-state physics 3yr - 2nd Inst.	Individual	5,300	15
Kentfield, J.A.C. Mechanical Eng. Calgary	Pressure-gain combustion 3yr - 3rd Inst.	Individual	19,589	13
Keppie, D.M. Biology New Brunswick	Recruitment into animal populations 3yr - 3rd Inst.	Individual	19,589	18
Kerekes, R.J. Chemical Eng. British Columbia	Pulp suspensions in process flows 3yr - 2nd Inst.	Individual	15,476	04
Kerman, R.A. Mathematics Brock	Extrapolation theorems and their applications 3yr - 2nd Inst.	Individual	3,294	16
Kernahan, J.A. Physics Alberta	Transition probability measurements for "forbidden" and allowed lines 3yr - 2nd Inst.	Individual	14,352	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kerr, D.P. Physics Winnipeg	Positron annihilation in condensed media	Individual	17,787	15
Kerr, H.W. Mechanical Eng. Waterloo	Transformations and properties of joined materials 3yr - 2nd Inst.	Individual	30,846	04
Kerr, K.A. Physics/Chemistry Calgary	Biologically-active molecules; accurate measurement of intensities 2yr - 1st Inst.	Individual	15,900	05
Kerr, R. Kinanthropology Ottawa	Motor skill learning in down syndrome children 3yr - 1st Inst.	Individual	4,240	12
Kerrich, R. Geology Western Ontario	Thermal and volume history of Archaean oceans with geochemical implications 3yr - 2nd Inst.	Individual	28,620	10
Kershaw, K.A. Biology McMaster	Physiological ecology of lichens with special reference to northern ecosystems 3yr - 1st Inst.	Individual	111,300	18
Kesarwani, R.N. Mathematics Ottawa	Applications of special functions to quantum mechanics 3yr - 2nd Inst.	Individual	3,413	16
Kesavan, H.K. Systems Design Waterloo	Network models for computer-aided design 3yr - 1st Inst.	Individual	25,864	11
Kessler, D. Physics Carleton	* Refer to M.D.Hasinoff(British Columbia)	Project		22
Kessler, D. Physics Carleton	* Refer to D.A.Bryman(Victoria)	Project		22
Kesteven, M.J.L. Physics Queen's	Radio astronomy techniques; supernova remants 3yr - 1st Inst.	Individual	8,300	17
Kevan, D.K.M. Entomology Macdonald Coll.	Biosystematics of orthopteroid insects and of inadequately known orders of Canadian arthropods / Ethnoentomology of orthopteroids 3yr - 1st Inst.	Individual	39,011	01
Kevan, P.G. Environ. Biology Guelph	Pollination ecology: Dynamics at the community level	Individual	10,600	18
Khachatourians, G.G. Dairy & Food Sci. Saskatchewan	Regulation of anucleate minicell formation in E. coli and S. typhimurium 3yr - 2nd Inst.	Individual	18,020	02
Khalil, Z.S. Mathematics Concordia	Reliability of stochastic networks 3yr - 3rd Inst.	Individual	3,391	14

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Khan, A.M. Civil Engineering Carleton	The efficiency of intercity rail and bus transportation systems 3yr - 2nd Inst.	Individual	15,900	06
Khan, R.A. Mar. Sc. Res. Lab Memorial	Studies on the parasmitic protozoa of marine fish in the N-W Atlantic 3yr - 1st Inst.	Individual	20,835	01
Kharadly, M.M.Z. Electrical Eng. British Columbia	1) Microwave propagation in the lower atmosphere 2) Microwave grading of lumber 3yr - 1st Inst.	Individual	18,000	11
Kiang, D.B.I. Physics Dalhousie	Theoretical nuclear and particle physics 3yr - 3rd Inst.	Individual	19,209	15
Kiang, M.T. Mathematics Saint Mary's	Fixed point theorems for semigroups of mappings 3yr - 2nd Inst.	Individual	1,412	16
Kidder, G.M. Zoology Western Ontario	Developmental genetics of the preimplantation embryo 3yr - 2nd Inst.	Individual	37,100	02
Kiefte, H. Physics Memorial	Laser light scattering spectroscopy 3yr - 1st Inst.	Individual	29,680	15
Kierkus, W.T. Mechanical Eng. Windsor	* Principal investigator N.W.Wilson(Windsor) 3yr - 2nd Inst.	Team		13
Kilgour, D.M. Mathematics Wilfrid Laurier	Solutions and solution concepts in non-cooperative games 3yr - 3rd Inst.	Individual	1,224	16
Kim, B.K. Math/Statistics Memorial	Monte Carlo study of algorithms based on the integrated mean square error of the histogram with variable class-intervals 3yr - 1st Inst.	Individual	5,300	14
Kim, C.W. Mathematics Simon Fraser	Ergodic theory 3yr - 3rd Inst.	Individual	3,333	16
Kim, H.K. Electrical Eng. Manitoba	1) Investigation of equivalent bandpass networks 2) Optimization in active realization of elliptic filters 3yr - 1st Inst.	Individual	15,688	11
Kimmins, W.C. Biology Dalhousie	1) Cell wall glycoproteins 2) Resistance to plant viruses 3yr - 2nd Inst.	Individual	27,560	02
Kimura, D. Psychology Western Ontario	Asymmetrical organization of psychological functions in the human brain 3yr - 3rd Inst.	Individual	52,645	12
Kind, R.J. Mech. & Aeronaut. Carleton	Low speed aerodynamics with applications to aircraft, buildings and turbomachinery 3yr - 2nd Inst.	Individual	24,539	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
King, G.J. Animal/Poultry Sc. Guelph	Microscopic and endocrinological investigation of implantation in domestic animals 3yr - 1st Inst.	Individual	47,700	01
King, G.W. Chemistry McMaster	Multiphoton laser spectroscopy 3yr - 2nd Inst.	Individual	48,760	05
King, H.W. Physics Dalhousie	Electron transport properties of conducting ceramics 3yr - 2nd Inst.	Individual	20,988	04
King, J. Biology Saskatchewan	Datura innoxia (Mill.) cell suspension cultures: a model system for somatic plant cell physiology and genetics 3yr - 3rd Inst.	Individual	24,486	03
King, J.D. Physics Toronto	* Refer to R.E.Azuma(Toronto)	Project		22
King, J.D. Physics Toronto	* Refer to T.E.Drake(Toronto)	Project		22
King, J.D. Physics Toronto	Nuclear cross sections of astrophysical interest	Individual	23,320	22
King, J.F. Chemistry Western Ontario	Mechanism, stereochemistry, and organic sulfur reactions 3yr - 2nd Inst.	Individual	39,220	05
King, K.M. Land Resource Sc Guelph	Effects of CO2 enhancement and water stress on crop plants	Individual	10,600	03
King, P.R. Computer Science Manitoba	1) Topics in programming language design 2) Document formatting techniques	Individual	15,171	07
King, R.H. Geography Western Ontario	Soils as paleo-environmental indicators, Canadian Cordillera 2yr - 2nd Inst.	Individual	10,600	10
King, W.A. Vet. Medicine Montréal	Investigation of the expression of the nucleolus organizer regions (NORs) in bovine embryos [illegible]r - 1st Inst.	Individual	21,200	01
Kingma, Y.J. Electrical Eng. Alberta	Electrical and mechanical activity in mammalian colon; modeling and instrumentation 3yr - 1st Inst.	Individual	16,854	11
Kinsner, W. Electrical Eng. Manitoba	Microarchitectures of digital systems 3yr - 1st Inst.	Individual	10,600	11
Kiparissides, C. Chemical Eng. Alberta	Computer control of polymerization reactors	Individual	8,468	04

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kirk, A.D. Chemistry Victoria	Photochemistry and photophysics of metal coordination complexes 3yr - 1st Inst.	Individual	25,619	05
Kirk, D.W. Chemical Eng. Toronto	Electrochemical reactor engineering 2yr - 1st Inst.	Univ. Research Fellow	16,748	04
Kirkaldy, J.S.G. Eng. Physics McMaster	Thermodynamics and kinetics of multicomponent systems 3yr - 1st Inst.	Individual	66,886	04
Kirkhope, J. Mech. & Aeronaut. Carleton	Impact response of a bladed disc 3yr - 1st Inst.	Individual	15,158	13
Kirkpatrick, D.G. Computer Science British Columbia	Computational complexity of geometric and combinatorial problems 3yr - 1st Inst.	Individual	20,616	07
Kirkpatrick, D.L. Chemistry Regina	Disulfides as potential bioreductively activated antineoplastic agents 3yr - 1st Inst.	Univ. Research Fellow	19,080	05
Kirouac, G. Psychologie Laval	Analyse expérimentale d'un déclencheur social chez l'homme: le schéma infantile 3ans - 3e vers.	Individuelle	7,346	12
Kisilevsky, H.H. Mathematics Concordia	Algebraic number theory 3yr - 2nd Inst.	Individual	11,295	16
Kissin, S.A. Geology Lakehead	Crystal chemistry and stabilities of sulphide minerals	Individual	10,600	10
Kitai, R. Elec. & Comp. Eng. McMaster	Digital instrumentation: vision systems, protection, rainfall 3yr - 1st Inst.	Individual	12,296	11
Kitching, J.E. Physics McGill	* Refer to J.K.P.Lee(McGill)	Team		22
Kitching, P. Physics Alberta	* Refer to J.M.Cameron(Alberta)	Project		22
Kitching, P. Physics Alberta	* Refer to C.A.Miller(Alberta)	Project		22
Kitching, P. Physics Alberta	IEP-98 - Proton-Proton Bremsstrahlung * with R.Abegg, J.M.Cameron,L.G.Greeniaus, D.A.Hutcheon,C.A.Miller, W.C.Olsen,D.M.Sheppard, G.C.Neilson(Alberta)	Project	84,000	22
Kitching, P. Physics Alberta	* Refer to W.C.Olsen(Alberta)	Project		22

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kitts, D.D. Food Science British Columbia	Potential toxicity of caffeine to embryo and fetal viability in utero 3yr - 1st Inst.	Univ. Research Fellow	12,720	01
Kitts, W.D. Animal Science British Columbia	Reproductive endocrinology; ovine placental lactogens; anabolic agents in growth	Individual	33,606	01
Klajner, F. Psychology Toronto	Gastroenteropancreatic hormones, dieting, weight change and cognitions 3yr - 2nd Inst.	Individual	10,600	12
Klamkin, M.S. Mathematics Alberta	Geometric inequalities, mathematical modelling 3yr - 2nd Inst.	Individual	5,648	16
Klapstein, D. Chemistry St. F. Xavier	Spectroscopic characterization of small unsaturated molecules 3yr - 1st Inst.	Univ. Research Fellow	19,080	05
Klein, M.L. Chemistry McMaster	Molecular crystals 3yr - 1st Inst.	Individual	16,960	05
Klein, R.M. Psychology Dalhousie	Studies of human perception and cognition 3yr - 3rd Inst.	Individual	19,589	12
Kluepfel, D. Bacteriology Québec - IAF	Studies on methods for improved cellulose and hemicellulose bioconversion by streptomycetes * with M.Ishaque(Univ. du Qué.-IAF) 3yr - 3rd Inst.	Team	14,692	02
Kluger, R.H. Chemistry Toronto	Thiamine, biotin and enzymic catalysis 2yr - 1st Inst.	Individual	28,090	05
Klvana, D. Génie chimique Ecole Polytechnique	Développement des techniques d'utilisation de l'énergie rayonnante 3ans - 3e vers.	Individuelle	9,673	04
Knapton, R.W. Biolog. Sciences Brock	Factors influencing female choice of mate and the evolution of polygyny 3yr - 3rd Inst.	Univ. Research Fellow	22,037	18
Knaus, E.E. Pharmaceutical Chem Alberta	Some studies on the synthesis of heterocyclic cis-aminoalcohols, bicyclic nitrogen heterocycles and stable 1,6-dihydropyridines 3yr - 3rd Inst.	Individual	11,019	05
Knerer, G. Zoology Toronto	1) Halictine caste differentiation 2) Diprionid speciation and diapause strategies	Individual	12,720	18
Knettig, E. Civil Engineering Alberta	Activated carbon adsorption of toxic organic pollutants 3yr - 3rd Inst.	Individual	11,019	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Knight, A.R. Chemistry Saskatchewan	Photochemistry and photophysics of sulfur containing compounds 3yr - 1st Inst.	Individual	12,720	05
Knoechel, R. Biology Memorial	Phytoplankton ecology and energy flow in aquatic ecosystems 3yr - 3rd Inst.	Individual	26,935	18
Knop, O. Chemistry Dalhousie	Studies in structural inorganic chemistry 3yr - 3rd Inst.	Individual	23,874	05
Knott, D.R. Crop Science Saskatchewan	Genetic and cytogenetic studies of rust resistance in wheat 3yr - 2nd Inst.	Individual	39,220	02
Knowles, P.H. Forestry Lakehead	Genetic variability in natural and artificially selected stands of jack pine and white spruce 3yr - 3rd Inst.	Individual	18,365	02
Knowles, R. Microbiology Macdonald Coll.	Nitrogen fixation, denitrification and related processes 3yr - 1st Inst.	Individual	47,700	02
Knystautas, E.J. Physique Laval	Spectroscopie atomique à l'aide d'un accélérateur Van de Graaff	Individuelle	31,800	15
Knystautas, R. Mechanical Eng. McGill	Development and propagation of detonation in fuel-air vapor clouds 3yr - 1st Inst.	Individual	28,514	13
Kobluk, D.R. Geology Toronto	Cavity-dwelling organisms in Paleozoic reefs 3yr - 3rd Inst.	Individual	20,813	10
Kocay, W.L. Computer Science Manitoba	Computational theory of graph reconstruction 2yr - 1st Inst.	Univ. Research Fellow	13,780	07
Kocherlakota, K.K. Statistics Manitoba	Applied multivariate analysis 3yr - 2nd Inst.	Individual	5,777	14
Kocherlakota, S. Statistics Manitoba	1) Robustness in multivariate analysis and correlation theory 2) Time series and nonnormality 3yr - 2nd Inst.	Individual	7,526	14
Kochman, S.O. Mathematics Western Ontario	Studies in Bordism theories 3yr - 2nd Inst.	Individual	11,295	16
Koehler, J.A.R. Physics Saskatchewan	VHF Backscatter 3yr - 1st Inst.	Individual	24,380	17
Koehler, R.A. Physics York	Auroral and cleft region studies 3yr - 3rd Inst.	Individual	7,346	17

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Koffyberg, F.P. Physics Brock	Electronic and optical properties of semiconducting oxides 3yr - 3rd Inst.	Individual	15,916	15
Kok, R. Agricult. Eng. McGill	The application of computers to drainage system design and farm management 3yr - 2nd Inst.	Individual	12,720	06
Kokkinidis, L. Psychology Saskatchewan	Behavioral sensitization after long-term amphetamine and cocaine administration 3yr - 2nd Inst.	Individual	14,840	12
Kokta, B.V. Pâtes et papiers Qué.-Trois-Riv.	Techniques et applications de greffage 3ans - 1er vers.	Individuelle	23,532	04
Kolb, B.E. Psychology Lethbridge	Behavioural and anatomical recovery of function 3yr - 1st Inst.	Individual	31,800	12
Kolers, P.A. Psychology Toronto	Visual information processing 3yr - 3rd Inst.	Individual	53,869	12
Kong, P.C. Chemistry Québec-Montréal	* Refer to F.D.Rochon(Univ. du Qué.-Montréal) 3yr - 1st Inst.	Team		05
Koningstein, J.A. Chemistry Carleton	Pulsed laser emission spectroscopy of large molecules 2yr - 1st Inst.	Individual	55,478	05
Koniuk, R.G. Physics York	Theoretical hadron spectroscopy 3yr - 2nd Inst.	Univ. Research Fellow	10,600	15
Konopasek, F. Physics Manitoba	Improvement to cyclotron R.F. and Dee system	Individual	15,900	22
Kopecky, K.R. Chemistry Alberta	Studies of luminescent molecules, peroxides and thermal polymerization 3yr - 3rd Inst.	Individual	13,467	05
Kops, L. Mechanical Eng. McGill	Thermoelastic behaviour of structural joints with particular reference to machine tools 3yr - 1st Inst.	Individual	24,804	13
Koran, Z. Pâtes et papiers Qué.-Trois-Riv.	"Caractéristiques papetières des pâtes feuillues" 3ans - 1er vers.	Individuelle	19,928	04
Kornblatt, J.A. Biology Concordia	The conformations of cytochrome c oxidase - their roles in the catalytic mechanism and energy transduction 3yr - 3rd Inst.	Individual	15,916	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kornblatt, M.J. Chemistry Concordia	Subunit interactions in mammalian enolases 3yr - 1st Inst.	Individual	16,960	02
Korol, R.M. Civ Eng/Eng Mech McMaster	Analysis and design of steel structures of tubular members 3yr - 3rd Inst.	Individual	18,365	06
Korte, H. Arts & Science Regina	Differential geometry of G-structures applied to general relativity and gauge fields * with R.A.Coleman(Regina)	Team	6,000	16
Korteling, R.G. Chemistry Simon Fraser	* Refer to J.M.D'Auria(Simon Fraser)	Project		22
Korteling, R.G. Chemistry Simon Fraser	* Refer to J.M.D'Auria(Simon Fraser)	Project		22
Korteling, R.G. Chemistry Simon Fraser	* Refer to K.P.Jackson(Simon Fraser)	Project		22
Korteling, R.G. Chemistry Simon Fraser	IEP-22 - The characteristics of fragments emitted from silver with 200-500 MeV protons * with K.P.Jackson,D.H.Boal, J.M.D'Auria(Simon Fraser)	Project	15,750	22
Kos, J.F. Physics/Astronomy Regina	Electron transport in metals at low temperatures 3yr - 3rd Inst.	Individual	16,148	15
Kosaric, N. Chem./Biochem. Eng Western Ontario	Biochemical and food engineering (biotechnology) research 3yr - 3rd Inst.	Individual	17,630	04
Koslow, J.A. Oceanography Dalhousie	The ecology of larval gadoids on Brown's Bank, Nova Scotia	Individual	13,462	18
Kotiuga, W. Electrical Eng. Concordia	Power systems state estimation 3yr - 1st Inst.	Individual	12,402	11
Kotovych, G. Chemistry Alberta	Nuclear magnetic resonance studies of biological systems 3yr - 2nd Inst.	Individual	21,200	05
Kotzig, A. Centre de rech math Montréal	Applications de la théorie des graphes aux structures mathématiques et en rationilisation et optimisation 3ans - 3e vers.	Individuelle	15,233	16
Kouwen, N. Civil Engineering Waterloo	Transport processes of sediments in (vegetative) filters 3yr - 1st Inst.	Individual	20,140	06
Koval, D.O. Electrical Eng. Alberta	Optimum utilization and reliability of energy delivery systems	Individual	9,646	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kovarik, Z.V. Mathematical Sci. McMaster	Rigorous error bounds in numerical linear algebra 3yr - 2nd Inst.	Individual	3,294	16
Kozak, A. Forestry British Columbia	Wood and bark volume estimation using lower bole taper and percentage of bark at breast height 3yr - 2nd Inst.	Individual	10,600	18
Kozicki, W. Chemical Eng. Ottawa	Characterization of polymer/surfactant adsorption in enhanced oil recovery 3yr - 2nd Inst.	Individual	11,766	04
Krakiwsky, E.J. Surveying Eng Calgary	Network design using interactive graphics 3yr - 1st Inst.	Individual	21,200	06
Krakow, K.I. Mechanical Eng. Concordia	Solar and heat pump energy conversion systems for space heating	Individual	2,120	13
Kramer, D.L. Biology McGill	The effect of oxygen on habitat selection in fishes 3yr - 2nd Inst.	Individual	29,150	18
Kramer, J.R. Geology McMaster	Speciation and particulate interaction in natural waters 3yr - 1st Inst.	Individual	23,320	10
Krane, W.R. Psychology Simon Fraser	Structural analysis of multivariate, dissimilarity, and asymmetric data 3yr - 3rd Inst.	Individual	9,183	12
Krank, M.D. Psychology Memorial	Pavlovian interactions with operant drug self-administration 3yr - 1st Inst.	Individual	9,010	12
Kratochvil, B. Chemistry Alberta	New sampling and measurement methods for chemical analysis 3yr - 1st Inst.	Individual	32,330	05
Krause, G.R. Math./Astronomy Manitoba	Noetherian rings 3yr - 3rd Inst.	Individual	15,233	16
Krause, H.H. Forest Resources New Brunswick	Chemistry of the forest floor: Organic matter decomposition and nutrient release after clearcutting 3yr - 2nd Inst.	Individual	12,720	03
Krause, L. Physics Windsor	Atomic and molecular collisions 3yr - 2nd Inst.	Individual	65,381	15
Krause, M.O. Biology New Brunswick	Control of gene expression in eukaryotic cells 3yr - 2nd Inst.	Individual	51,940	02
Krausz, A.S. Mechanical Eng. Ottawa	Kinetics of thermally activated fracture 3yr - 1st Inst.	Individual	27,348	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Krebes, E.S. Geology & Geophys. Calgary	Seismic waves in anelastic media 2yr - 2nd Inst.	Individual	7,420	10
Krebs, C.J. Zoology British Columbia	Population biology of small rodents	Individual	53,000	18
Krell, H.P.J. Microbiology Guelph	Molecular biology of "Parasitoid viruses" 3yr - 2nd Inst.	Individual	24,380	02
Krell, M. Physique Sherbrooke	Interaction Méson-Noyau 3ans - 3e vers.	Individuelle	2,449	15
Krepec, T.H. Mechanical Eng. Concordia	Research in low cost electronic fuel control systems for small gas turbine engines 3yr - 2nd Inst.	Individual	18,762	13
Kresge, A.J. Chemistry Toronto	Proton transfer 3yr - 1st Inst.	Individual	63,958	05
Kretschmer, D. Génie mécanique Laval	Applied combustion 3ans - 1er vers.	Individuelle	13,038	13
Kretz, R. Geology Ottawa	Studies in the geochemical migration of elements 3yr - 1st Inst.	Individual	10,600	10
Kreuzer, H.J. Physics Dalhousie	Kinetic theory of physisorption and chemisorption 3yr - 2nd Inst.	Individual	24,931	15
Kreyszig, E. Mathematics Windsor	Function theoretic methods in partial differential equations with applications 3yr - 3rd Inst.	Individual	26,250	16
Krishnadev, M.R. Mines & métallurgie Laval	Développement et caractérisation de matériaux améliorés destinés aux systèmes de transport et de conversion de l'énergie et des ressources 3ans - 1er vers.	Individuelle	22,578	04
Krishnamurti, C.R. Animal Science British Columbia	Stable isotopes in protein turnover studies 3yr - 1st Inst.	Individual	10,872	01
Kristmanson, D.D. Chemical Eng. New Brunswick	Atomization of insecticide formulations: controlling drop size distributions 3yr - 3rd Inst.	Individual	11,508	04
Kristofferson, M. Psychiat./Psychol. McMaster	Recognition, memory and automaticity 3yr - 2nd Inst.	Individual	13,886	12
Krogh, T.E. Geology Toronto	Research in geochronology: techniques, tests and applications to geological problems 2yr - 2nd Inst.	Individual	23,956	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kronberg, B.I. Geology Western Ontario	Soil geochemistry 3yr - 3rd Inst.	Univ. Research Fellow	15,423	10
Kronberg, P.P. Astronomy Toronto	Observational and theoretical study of extragalactic radio sources and extragalactic matter 3yr - 3rd Inst.	Individual	55,094	17
Kropinski, A.M. Micro/Immunology Queen's	Pseudomonas aeruginosa lipopolysaccharide: structure and phage interactions 3yr - 3rd Inst.	Individual	23,262	02
Krouse, H.R. Physics Calgary	Stable isotope fractionation studies 3yr - 2nd Inst.	Individual	43,460	10
Kruus, P. Chemistry Carleton	1) Solution physical chemistry 2) Chemical effects of ultrasound 3yr - 1st Inst.	Individual	7,420	05
Kruuv, J. Physics Waterloo	Effects of sub-optimal temperature on cell survival: Mechanisms of action and modification of effects 3yr - 2nd Inst.	Individual	23,320	02
Krzymien, W.A. Engineering Lakehead	Nonlinear equalization systems for high speed digital transmission	Individual	10,000	11
Kubina, S.J. Electrical Eng. Concordia	Radiating systems on complex structures and EMC with special emphasis on computer techniques and graphics 3yr - 3rd Inst.	Individual	11,264	11
Kucerovsky, Z. Electrical Eng. Western Ontario	Techniques for generation and detection of optical signals 3yr - 1st Inst.	Individual	16,324	11
Kudsia, C.M. Elec. & Comp. Eng. McMaster	Optimization of RF filter networks for digital traffic in satellite communications systems	Individual	12,296	11
Kuehner, J.A. Physics McMaster	Nuclear structure studies of light nuclei	Individual	58,400	22
Kuffel, E Electrical Eng. Manitoba	High voltage insulation 3yr - 1st Inst.	Individual	20,670	11
Kuhlemeyer, R.L. Civil Engineering Calgary	1) Soil-pile interaction 2) Machine foundation design 3) Rock quality in-situ 3yr - 2nd Inst.	Individual	12,720	06
Kuhnlein, H.V. Home Economics British Columbia	Traditional foods and diets of native people: Nutrient composition	Individual	8,896	01
Kuijt, J. Biolog. Sciences Lethbridge	Studies on structure and systematics of parasitic angiosperms 3yr - 1st Inst.	Individual	26,330	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kuiken, D.L. Psychology Alberta	Kinesthetic imagery in dream content 3yr - 3rd Inst.	Individual	7,346	12
Kukalova-Peck, J. Geology Carleton	Morphology and evolution of paleozoic insects with reference to phylogeny of recent insects 3yr - 1st Inst.	Individual	19,080	10
Kulak, G.L. Civil Engineering Alberta	Strength of large-diameter fabricated steel tubes in bending 3yr - 2nd Inst.	Individual	25,970	06
Kulperger, R.J. Stat. & Actuar. Sc Western Ontario	Estimation and data analysis for point processes and branching processes 3yr - 3rd Inst.	Individual	4,004	14
Kumar, S. Physical Therapy Alberta	1) Stress contours of human trunk 2) Joint motion and stress analysis during stoop lifting in different planes 3yr - 1st Inst.	Individual		20
Kumarapeli, S. Geology Concordia	A metallogenic evaluation of the eastern extension of the Ottawa graben 2yr - 1st Inst.	Individual	9,240	10
Kunov, H. Bio-Med Eng. Toronto	Bioacoustic instrumentation and signal processing with applications to clinical otolaryngology 3yr - 3rd Inst.	Individual	16,773	11
Kunstatter, G. Physics Toronto	Particle physics and quantization in curved space-times 3yr - 3rd Inst.	Univ. Research Fellow	12,243	23
Kunzle, H.P. Mathematics Alberta	Differential geometrical methods in classical field theory 3yr - 2nd Inst.	Individual	7,261	15
Kurstak, E. Micro/immunologie Montréal	Research on in vitro replication of densonucleosis virus and on its characterization 3ans - 3e vers.	Individuelle	18,365	02
Kurz, B.J. Computer Science New Brunswick	Optimal color quantization in computer color graphic displays	Individual	10,827	07
Kushner, D.J. Biology Ottawa	1) Microorganisms that live in extreme environments 2) Mechanisms of microbial resistance to toxic substances 3yr - 2nd Inst.	Individual	59,360	02
Kusiak, A. Industrial Eng. Tech. Univ. N.S.	Operational control, scheduling and planning in flexible manufacturing systems 3yr - 1st Inst.	Individual	13,621	20

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Kuspira, J. Genetics Alberta	Cytogenetic studies of the A genome in Triticum 3yr - 2nd Inst.	Individual	20,140	03
Kutney, J.P. Chemistry British Columbia	Synthesis, biosynthesis and structure elucidation of natural products 3yr - 1st Inst.	Individual	68,019	05
Kwak, J.C.T. Chemistry Dalhousie	The physical chemistry of colloidal and macromolecular electrolytes 3yr - 1st Inst.	Individual	34,400	05
Kwok, C.C.K. Mechanical Eng. Concordia	Research and application of vortex flow phenomenon in fluid control technology 3yr - 1st Inst.	Individual	46,004	13
Kwong, R.H.S. Electrical Eng. Toronto	Stochastic adaptive control of nonminimum phase systems using approximate models 3yr - 1st Inst.	Individual	18,444	11
Kydd, R.A. Chemistry Calgary	Vibrational spectroscopy of flexible groups and surface-adsorbed molecules 3yr - 2nd Inst.	Individual	18,550	05
Kydon, D.W. Physics Winnipeg	Nuclear magnetic resonance studies in solids 3yr - 3rd Inst.	Individual	12,378	15
Kyser, T.K. Geological Sciences Saskatchewan	Isotopic composition of the archaean mantle and ocean 2yr - 1st Inst.	Individual	13,780	10
Laale, H.W. Zoology Manitoba	Fish embryo culture: Differentiation and organogenesis 3yr - 1st Inst.	Individual	7,420	01
Laarveld, B. Animal/Poultry Sc. Saskatchewan	The effects of prolactin and growth hormone on bovine mammary gland metabolism in vivo 3yr - 3rd Inst.	Individual	10,101	01
Laba, J.T. Civil Engineering Windsor	1) Reinforced earth retaining walls under strip load 2) Water jetting as a method of compaction 3yr - 3rd Inst.	Individual	11,019	06
Labelle, G. Mathématiques Québec-Montréal	* Chercheur principal P.Leroux(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe		16
Labelle, J. Mathématiques Québec-Montréal	* Chercheur principal P.Leroux(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe		16
Laberge, C.A. Génie mécanique Ecole Polytechnique	* Chercheur principal A.Bazerqui(Ecole Polytech.) 3ans - 2e vers.	Equipe		13
Labute, J.P. Mathematics McGill	P-Extensions of number fields 3yr - 1st Inst.	Individual	4,410	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lacalli, T.C. Biology Saskatchewan	Nerve development in marine invertebrate larvae 3yr - 3rd Inst.	Individual	17,140	01
Lachance, L. Génie civil Laval	Théorie non linéaire de la flexion composée uniaxiale et biaxiale des poutres-poteaux composés de deux ou trois matériaux 3ans - 2e vers.	Individuelle	12,720	06
Lachance, M.A. Plant Science Western Ontario	Yeast speciation and phylogeny 3yr - 2nd Inst.	Individual	22,260	02
Lachlan, A.H. Mathematics Simon Fraser	Model theory and recursion theory 3yr - 3rd Inst.	Individual	31,199	16
Lacroix, J.M. Psychology York	Mechanisms of biofeedback control and electrodermal asymmetries 3yr - 1st Inst.	Individual	12,190	12
Lacroix, M. Ctre. Rech.-Virol. Québec - IAF	Recherche et développement de déterminants antigéniques synthétiques 2ans - 1er vers.	Individuelle	18,020	02
Lacroix, N.H.J. Mathématiques Laval	Principes d'organisation en biologie structurale: modèles mathématiques 3ans - 1er vers.	Individuelle	2,450	16
Ladanyi, B. Génie civil Ecole Polytechnique	Mesure des propriétés rhéologiques des sols gelés et des évaporites et leur utilisation dans la conception d'ouvrages 3ans - 1er vers.	Individuelle	63,600	06
Ladouceur, G.P. Photogrammetrie Laval	Inventaire et cartographie semi-automatisés des ressources 3ans - 1er vers.	Individuelle	18,020	06
Lafleur, J. Génie civil Ecole Polytechnique	Perméabilité des argiles superficielles altérées et fissurées 3ans - 1er vers.	Individuelle	14,840	06
Lafontaine, J.G. Biologie Laval	Biochemical, radioautographic and ultracytochemical studies of nuclear structures in actively dividing cells 3ans - 2e vers.	Individuelle	59,360	02
Laforge, H. Psychologie Laval	Création et évaluation, à l'aide de simulations, d'algorithmes multivariés d'appariement de sujets	Individuelle	4,240	12
Laforte, J.L. Sc. appliquées Québec-Chicoutimi	* Chercheur principal L.C.Phan(Qué.-Chicoutimi) 3ans - 3e vers.	Equipe		11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Laframboise, J.G. Physics York	Theory of electrodes in plasmas, and applied fluid transport problems 3yr - 3rd Inst.	Individual	24,486	15
Lai, C.S. Physics Prince Edward Isl	Topics in theoretical physics 3yr - 1st Inst.	Individual	12,932	15
Laidlaw, W.G. Chemistry Calgary	1) Hydrodynamic instabilities 2) Molecular orbital calculations 3yr - 1st Inst.	Individual	32,330	05
Laidler, K.J. Chemistry Ottawa	Kinetics of chemical reactions, including enzyme reactions	Individual	15,900	05
Lai-Fook, J.E.I. Zoology Toronto	The male contribution to reproduction in insects 3yr - 1st Inst.	Individual	14,826	01
Laing, J.E. Environ. Biology Guelph	Characteristics of efficient parasites in the genus Apanteles 3yr - 3rd Inst.	Individual	15,916	18
Laishley, E.J. Biology Calgary	Inorganic sulfur and selenium metabolism in clostridia 3yr - 3rd Inst.	Individual	22,037	02
Laithier, B.E. Génie mécanique McGill	Stabilité de corps solides soumis à un écoulement fluidique 3ans - 1er vers.	Individuelle	4,770	13
Lajoie, J. Géologie Montréal	1) Sédimentologie de séquences archéennes de la région de Rouyn-Noranda 2) Sédimentologie de séquences aphébiennes de la région des monts Otish 3) Etudes sédimentologiques de roches volcanoclastiques 3ans - 2e vers.	Individuelle	29,150	10
Lajtai, E.Z. Civil Engineering Manitoba	Fracture mechanisms in brittle rocks 3yr - 1st Inst.	Individual	15,900	10
Lake, K.W. Physics Queen's	Studies in relativistic astrophysics and cosmology 2yr - 1st Inst.	Univ. Research Fellow	26,500	17
Lakis, A.A. Mécanique Ecole Polytechnique	Effets linéaire et non-linéaire des pressions d'un fluide à deux phases en écoulement turbulent sur les vibrations des coques 3ans - 1er vers.	Individuelle	20,564	13
Lakser, H. Mathematics Manitoba	Universal algebra and lattice theory 3yr - 3rd Inst.	Individual	11,425	16
Lalli, B.S. Mathematics Saskatchewan	Oscillation and boundedness of solutions of nth order functional differential equations 3yr - 1st Inst.	Individual	3,430	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lallier, R. Pathol./microbiol. Montréal	Caractérisation des facteurs associés à la virulence des souches d'Aeronomas hydrophila chez les salmonidés 3ans - 2e vers.	Individuelle	25,440	02
Lalonde, M. Pédologie/écologie Laval	Isolement et charactérisation de Frankia fixateurs d'azote 3ans - 2e vers.	Chercheur-boursier univ.	44,520	03
Lalonde, W.R. Sys. & Comp. Eng. Carleton	Implementation and applications of actor based systems 3yr - 1st Inst.	Individual	17,763	07
Lam, C.W.H. Computer Science Concordia	A multiprocessor system for combinatorial computing 3yr - 2nd Inst.	Individual	7,768	16
Lam, H.C.S. Physics McGill	Quantum field theory and elementary particle physics 3yr - 1st Inst.	Individual	33,358	15
Lam, K.Y. Mathematics British Columbia	Homotopy groups of spheres 3yr - 3rd Inst.	Individual	10,203	16
Lamb, M.R. Electrical Eng. Toronto	Computer tool creation for education and industry	Individual	8,786	07
Lambe, T.A. Public Administrat. Victoria	Decision-making in urban transportation systems 3yr - 1st Inst.	Individual	12,720	20
Lambek, J. Mathematics McGill	Categorical logic 3yr - 2nd Inst.	Individual	28,237	16
Lambert, R.M. Psychology Concordia	Descriptive logics as a theory of human deductive reasoning 3yr - 2nd Inst.	Individual	5,300	12
Lambert, R.S.J. Geology Alberta	Radiogenic isotope studies in relation to crustal evolution 3yr - 2nd Inst.	Individual	38,160	10
Lamontagne, C. Psychologie Ottawa	Vers une théorie computationnelle du "saut qualitatif" en psychologie cognitive: Phase II 3ans - 1er vers.	Individuelle	5,300	12
Lamping, D.L. Psychology McMaster	Biobehavioural aspects of stress	Individual	6,360	12
Lancaster, P. Math/Statistics Calgary	Matrix valued functions 3yr - 1st Inst.	Individual	29,397	16
Landstreet, J.D. Astronomy Western Ontario	Polarimetric study of stellar magnetism and of complex stellar objects 3yr - 2nd Inst.	Individual	47,170	17

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Landva, A.O. Civil Engineering New Brunswick	Geotechnical investigation methods for sanitary landfills 3yr - 3rd Inst.	Individual	13,467	06
Lane, N.D. Mathematical Sci. McMaster	Topics on Hjelmslev planes, topics on geometric orders 3yr - 2nd Inst.	Individual	4,236	16
Laneville, A. Génie mécanique Sherbrooke	Ecoulements subsoniques avec séparation 3ans - 1er vers.	Individuelle	20,882	13
Langan, B.W. Civil Engineering Calgary	* Principal investigator M.A.Ward(Calgary) 3yr - 3rd Inst.	Team		06
Lange, G.L. Chemistry Guelph	Synthesis of natural products and biologically active compounds 3yr - 3rd Inst.	Individual	9,183	05
Langford, C.H. Chemistry Concordia	Photochemistry and mechanism in inorganic chemistry 3yr - 3rd Inst.	Individual	37,953	05
Langford, W.F. Math/Statistics Guelph	Bifurcation theory and applications 3yr - 1st Inst.	Individual	11,759	16
Langleben, M.P. Physics McGill	Thermal regime of sea ice	Individual	3,180	10
Langley, R.B. Surveying Eng New Brunswick	Applications of radio interferometry in geodesy and geodynamics 2yr - 1st Inst.	Individual	16,960	10
Lankester, M.W. Biology Lakehead	Helminth diseases of fish and game animals 3yr - 1st Inst.	Individual	13,838	01
Lapalme, G. Infor. & rech opér. Montréal	Exploration des mécanismes d'interaction homme-ordinateur	Individuelle	7,432	07
Lapierre, J. Génie-physique Ecole Polytechnique	Physique des fibres optiques et leurs applications 3ans - 3e vers.	Individuelle	3,673	15
Laplante, A.R. Mining/Metal. Eng. McGill	Investigation of flotation kinetics in the froth phase 3yr - 3rd Inst.	Individual	10,897	04
Lapointe, J. Biochimie Laval	Structure, evolution and regulation of the expression of glutamyl-tRNA synthetase genes 3ans - 1er vers.	Individuelle	38,230	02
Laporte, G. Méth. quant. gest. Montréal	Logistique 3ans - 2e vers.	Individuelle	26,500	20
Laprade, R. Physique Montréal	Etude des propriétés électriques des membranes cellulaires du tubule proximal de rein perfusé in vitro 3ans - 2e vers.	Individuelle	16,960	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lardner, R.W. Mathematics Simon Fraser	Nonlinear vibrations and wave propagation. Mechanics of continuous media 3yr - 1st Inst.	Individual	15,678	16
Larkin, P.A. Animal Res. Ecol. British Columbia	Population biology of sockeye salmon; contributions to the theory of fishing	Individual	40,280	18
Larochelle, J. Biologie Laval	Mécanismes cellulaires de l'osmorégulation et énergétique de la thermorégulation et de la locomotion chez les animaux 3ans - 3e vers.	Individuelle	11,631	01
La Rochelle, P. Génie civil Laval	Propriétés fondamentales et comportement des argiles sensibles 3ans - 2e vers.	Individuelle	38,160	10
La Roi, G.H. Botany Alberta	Structural dynamics and productivity of boreal ecosystems	Individual	13,780	18
Larson, D.J. Biology Memorial	Ecology and taxonomy of Newfoundland aquatic insects	Individual	7,420	18
Larson, D.W. Botany & Genetics Guelph	Physiological ecology of saxicolous cryptogams	Individual	31,800	18
Larson, G.P.A. Computer Science Waterloo	Storage structures for data base systems	Individual	15,900	07
Larter, E.N. Plant Science Manitoba	Further studies in the exploitation of genetic variability in triticale and its parental species 3yr - 1st Inst.	Individual	43,925	03
LaRue, B. Chimie - biologie Qué.-Trois-Riv.	Régulation de l'assimilation de l'azote chez Anabaena flos-aquae 3ans - 3e vers.	Individuelle	14,692	02
Lasenby, D.C. Biology Trent	Oxygen regimes in temperate lakes and accumulation and transport of heavy metals by benthic invertebrates 3yr - 1st Inst.	Individual	16,960	18
Lashkari, R.S. Industrial Eng. Windsor	Development of a regional process-analysis model for energy planning	Individual	7,950	20
Laskowski, J.S. Min./Min. Proc. British Columbia	The effect of solid surface properties on adsorptive interactions of surfactants in flotation	Individual	16,112	04
Lassonde, M.C. Psychologie Qué.-Trois-Riv.	Etudes neuroanatomiques et électrophysiologiques de l'organisation cérébrale chez la souris agénésique du corps calleux 3ans - 2e vers.	Individuelle	16,960	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Last, W.M. Earth Sciences Manitoba	Sedimentology and post-glacial history of saline lakes in Saskatchewan 3yr - 2nd Inst.	Individual	11,660	10
Lastman, G.J. Applied Math. Waterloo	Some aspects of acoustic cavitation 3yr - 2nd Inst.	Individual	4,766	16
Latinovic, V. Mechanical Eng. Concordia	Integrated computer-aided manufacturing	Individual	7,420	20
Latta, B.M. Physics Memorial	Electronic energy loss of heavy atoms 3yr - 3rd Inst.	Univ. Research Fellow	12,243	15
Latto, B. Mechanical Eng. McMaster	Studies in thermofluids: 1) Transport in pipelines 2) Mixing 3) Controlled cooling 3yr - 2nd Inst.	Individual	20,882	13
Lau, A.T.M. Mathematics Alberta	C*-subalgebras and subspaces of the regular representation 3yr - 3rd Inst.	Individual	11,425	16
Lau, H.T. Computer Science Concordia	Network design and optimization algorithms	Individual	11,660	07
Lauber, J.K. Zoology Alberta	Photobiological effects on endocrine and growth parameters 3yr - 3rd Inst.	Individual	22,037	01
Laucht, C.M. Computer Science Manitoba	Design and development of application level protocols	Individual	10,600	07
Laufer, E.E. Mining/Metallurgy Tech. Univ. N.S.	1) Wear debris and surfaces 2) Development of Zn-Al based bearing alloys	Individual	10,918	04
Laurent, R. Géologie Laval	Géologie des complexes ophiolitiques des Appalaches du Québec 3ans - 2e vers.	Individuelle	18,020	10
Lauriol, B.M.E. Géographie Ottawa	La couverture neigeuse de l'Ungava et des régions arctiques au moyen de la télédétection et des photoaériennes	Individuelle	9,540	10
Lavallee, P. Chimie Sherbrooke	Synthèse de produits naturels et d'analogues d'intérêt médicinal	Individuelle	16,960	05
Lavers, J.D. Electrical Eng. Toronto	Simulation, modelling and design of electrometallurgical processes and apparatus 3yr - 2nd Inst.	Individual	19,186	11
Lavigne, D.M. Zoology Guelph	Energy budgets and life-history patterns of mammalian populations 3yr - 2nd Inst.	Individual	23,320	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lavigne, P. INRS - Energie Québec - INRS	* Chercheur principal H.Pépin(INRS-Québec) 3ans - 2e vers.	Equipe		15
Lavkulich, L.M. Soil Science British Columbia	Weathering and pedogenesis of soils 3yr - 2nd Inst.	Individual	47,700	03
Lavoie, J.L. Mathématiques Laval	Fonctions spéciales et analyse matricielle 3ans - 2e vers.	Individuelle	3,294	16
Lavoie, J.M. Education physique Montréal	Régulation hormonale à l'exercice: influence de la variation de la disponibilité des substrats 3ans - 1er vers.	Individuelle	9,885	01
Law, J. Physics Guelph	Investigations in atomic and sub atomic physics 3yr - 1st Inst.	Individual	18,709	15
Law, K.N. Pâtes et papiers Qué.-Trois-Riv.	Valorisation d'essences ligneuses à faible valeur commerciale 3ans - 2e vers.	Individuelle	15,052	04
Lawless, J.F. Statistics Waterloo	Topics in life distribution and regression methodology 3yr - 2nd Inst.	Individual	19,430	14
Lawrence, J.W. Pure Mathematics Waterloo	Applications of universal algebra and model theory to ring theory 3yr - 1st Inst.	Individual	11,759	16
Lawrence, P.D. Electrical Eng. British Columbia	Biomedical signal processing 3yr - 1st Inst.	Individual	23,532	11
Lawruk, B. Mathematics McGill	Boundary value problems for partial differential equations and systems 3yr - 1st Inst.	Individual	3,430	16
Lawson, J.D. Computer Science Waterloo	Development of algorithms for stiff initial-value problems 3yr - 3rd Inst.	Individual	24,486	07
Lawson, R.P.W. Electrical Eng. Alberta	Ion beam deposition/Ion implantation/Rutherford backscattering	Individual	7,102	11
Lawton, D.C. Geology & Geophys. Calgary	Development of the high resolution reflection seismic method 3yr - 2nd Inst.	Individual	8,480	10
Layzell, D.B. Biology Queen's	Photosynthate use and nitrogen fixation in legumes 3yr - 3rd Inst.	Univ. Research Fellow	24,486	03
Lê, N.V. Mécanique Québec - ETS	Contraintes dans les tubes en U des échangeurs de chaleur	Individuelle	12,614	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Leahy, D.A. Physics Calgary	Physical processes in pulsar magnetospheres 3yr - 1st Inst.	Univ. Research Fellow	10,600	17
Leaist, D.G. Chemistry Western Ontario	Electrolyte diffusion	Individual	15,900	05
Leatherland, J.F. Zoology Guelph	Environmental endocrinology of feral Great Lakes teleosts 3yr - 2nd Inst.	Individual	29,150	01
Lebel, D. Biologie Sherbrooke	Structure et rôle de l'ATP diphosphohydrolase pancréatique 3ans - 3e vers.	Individuelle	15,916	02
Lebel, J. Océanographie Québec-Rimouski	Hydrogéochimie des estuaires 3ans - 2e vers.	Individuelle	12,720	10
Leblanc, A.J. Ingénierie Qué.-Trois-Riv.	Monitoring ambulatoire du sportif et du travailleur 3ans - 3e vers.	Individuelle	9,060	11
Leblanc, D. Génie industriel Ecole Polytechnique	Modélisation technico-économique de la demande d'énergie dans le secteur des pâtes et papiers au Canada 2ans - 1er vers.	Individuelle	10,600	20
LeBlanc, M.A.R. Physics Ottawa	Behaviour of type II superconductors; A.C. losses, flux cutting and vortex motion phenomenon 3yr - 1st Inst.	Individual	48,707	15
LeBlanc, R.A. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Leblanc, R.M. Photobiophysique Qué.-Trois-Riv.	Photophysique de la photosynthèse et de la vision 3ans - 1er vers.	Individuelle	60,102	02
Leblond, A. Sciences Québec-Chicoutimi	Stockage d'énergie thermique pour le chauffage de serres	Individuelle	8,480	13
Le Blond, P.H. Oceanography British Columbia	Ocean waves and coastal oceanography 3yr - 3rd Inst.	Individual	23,262	10
Lechelt, E. Psychology Alberta	Tactile temporal acuities and processing strategies in complex spatio-temporal patterns 3yr - 3rd Inst.	Individual	8,080	12
Lechowicz, M.J. Biology McGill	Carbon uptake, carbon allocation, and plant fitness 3yr - 3rd Inst.	Individual	23,262	18
Leclair, R. Chimie - biologie Qué.-Trois-Riv.	Analyse quantitative des facteurs biotiques de mortalité embryonnaire et larvaire des peuplements d'Amphibiens en mares temporaires	Individuelle	4,240	18

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Leclerc, A. Chimie Québec-Chicoutimi	Détermination des métaux en traces tels que Cd et As dans les sédiments du Fjord du Saguenay	Individuelle	5,830	10
Leclerc, G. Génie civil Ecole Polytechnique	Lixiviation: contaminant des eaux souterraines 3ans - 3e vers.	Individuelle	10,407	06
Leclerc, J.G. Géodésie/cartog. Laval	La réfraction et ses effets sur les altitudes en terrains accidentés 3ans - 1er vers.	Individuelle	8,904	17
Leclerc, M. INRS-Eau Québec - INRS	Modèle de simulation de la qualité de l'eau d'un lac: le limnogramme unitaire 3ans - 2e vers.	Individuelle	11,660	06
Leclerc, R. Psychology Ottawa	Sign-tracking in aversive conditioning: Further analysis of the approach component and applications 3yr - 1st Inst.	Individual	5,618	12
Lecours, M. Génie électrique Laval	Système de communication et traitement du signal 3ans - 1er vers.	Individuelle	12,402	11
L'Ecuyer, J. Physique Montréal	Physique nucléaire appliquée * avec C.J.J.Brassard,J.P.Martin, R.Groleau(Montréal)	Equipe	53,000	22
L'Ecuyer, P. Informatique Laval	Processus de renouvellement markoviens commandés avec application à des problèmes d'entretien préventif 3ans - 1er vers.	Individuelle	11,660	20
Lederman, S.J. Psychology Queen's	Tactual and multimodal perception; graphics for the blind 3yr - 1st Inst.	Individual	21,942	12
Ledoux, M. Nutrition Montréal	* Chercheur principal G.R.Brisson(Qué.-Trois-Rivières) 3ans - 3e vers.	Equipe		01
LeDrew, E.F. Geography Waterloo	Significance of local heat sources on the dynamic climatology of the Beauford Sea Region 2yr - 1st Inst.	Individual	11,660	10
Leduy, A. Génie chimique Laval	Recherche en bioénergie microbienne 3ans - 2e vers.	Individuelle	16,960	04
Lee, C.C. Chem & Chem Eng. Saskatchewan	Studies in organic reaction mechanisms 2yr - 2nd Inst.	Individual	36,040	05
Lee, C.I.C. Math/Statistics Memorial	Statistical inference, restricted and unrestricted 3yr - 3rd Inst.	Individual	3,036	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lee, D.G. Chemistry Regina	Oxidation mechanisms 3yr - 1st Inst.	Individual	38,160	05
Lee, D.R. Earth Sciences Waterloo	Groundwater contaminant-flux to surface waters 3yr - 2nd Inst.	Individual	9,310	10
Lee, D.R. Biology Memorial	Assimilate partitioning and pressure changes in the phloem - are they related 3yr - 2nd Inst.	Individual	8,480	03
Lee, E.S. Elec Eng/Comp Sci Toronto	Computer systems research 3yr - 3rd Inst.	Individual	18,365	07
Lee, H.C. Electrical Eng. McGill	Signal processing aspects of dynamic computed tomography 3yr - 1st Inst.	Individual	9,116	11
Lee, J.H.S. Mechanical Eng. McGill	Combustion problems in energy research 3yr - 2nd Inst.	Individual	49,290	13
Lee, J.K.P. Physics McGill	Study of nuclei far from beta stability * with J.E.Crawford, J.E.Kitching,S.K.Mark, R.B.Moore(McGill)	Team	212,000	22
Lee, M. Home Economics British Columbia	Effect of maternal alcohol consumption and undernutrition on fetal growth and development in rats 3yr - 3rd Inst.	Individual	22,650	01
Lee, M.J.G. Physics Toronto	Electronic states in metals 3yr - 1st Inst.	Individual	29,648	15
Lee, P.E. Biology Carleton	Virus/cell studies of insect viruses and insect transmitted plant rhabdoviruses	Individual	26,500	02
Lee, P.M. Mechanical Eng. Lakehead	Aerodynamic structure of swirl flow and its applications 3yr - 1st Inst.	Individual	7,738	13
Lee, R.W. Biology Dalhousie	Organelle genetics in Chlamydomonas 3yr - 1st Inst.	Individual	23,320	02
Lee, T. Psychiatry Toronto	Animal model of behavioural patterns in schizophrenia and relationship to central dopamine receptor sensitivity	Individual	4,240	12
Lee, Y. Mechanical Eng. Ottawa	1) Post-dryout transient heat transfer 2) Turbulent heat transfer in asymmetric flows 3yr - 3rd Inst.	Individual	27,547	13
Leech, J.W. Physics Waterloo	Molecular motions in molecular solids 3yr - 2nd Inst.	Individual	11,469	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Leeming, D.J. Mathematics Victoria	1) Reciprocal approximation; 2) Roots of the Bernoulli polynomials 3yr - 3rd Inst.	Individual	2,992	16
Lee-Ruff, E. Chemistry York	Reactions of small ring organic compounds. Organic chemistry of superoxide 2yr - 2nd Inst.	Individual	18,550	05
Lees, R.M. Physics New Brunswick	Microwave studies of molecular rotational spectra, collisional energy transfer and intermolecular interactions 3yr - 1st Inst.	Individual	33,846	15
Leeson, S. Animal/Poultry Sc. Guelph	Nutrient requirements of broiler breeder strain birds 3yr - 2nd Inst.	Individual	20,670	01
Leewis, K.G. Mining/Metallurgy Tech. Univ. N.S.	Transport of oxygen in slags 3yr - 1st Inst.	Individual	14,310	04
Lefebvre, D.F. Génie civil Sherbrooke	Comportement des métaux soumis à des grandes déformations cycliques 3ans - 2e vers.	Individuelle	14,840	06
Lefebvre, G. Génie civil Sherbrooke	Etude du comportement des argiles structurées 3ans - 2e vers.	Individuelle	19,080	10
Lefebvre, L. Biologie McGill	Stratégies alimentaires du pigeon urbain 3ans - 3e vers.	Individuelle	11,019	01
Lefebvre, S. Génie électrique Ecole Polytechnique	Transport en courant continu multiborne 3ans - 1er vers.	Individuelle	14,204	11
Leffek, K.T. Chemistry Dalhousie	Mechanisms of reactions and deuterium isotope effects in organic chemistry 3yr - 1st Inst.	Individual	19,080	05
Legault, J.A. Earth Sciences Waterloo	Lower Paleozoic Palynostratigraphy of Canada 3yr - 1st Inst.	Individual	11,660	10
Legendre, L. Biologie Laval	Contrôle hydrodynamique de la photosynthèse phytoplanctonique 3ans - 1er vers.	Individuelle	63,600	18
Legendre, P. Sciences biolog. Montréal	Succession spécifique dans un écosystème lacustre 3ans - 3e vers.	Individuelle	22,037	18
Leggett, W.C. Biology McGill	Density-dependent relationships in the ecology of larval fishes 3yr - 3rd Inst.	Individual	55,094	18
Leggett, W.C. Biology McGill	The Lake Memphremagog project: Studies in lake production processes * with J.Kalff, R.H.Peters(McGill) 3yr - 2nd Inst.	Co-op	37,100	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Legzdins, P. Chemistry British Columbia	Organometallic nitrosyl chemistry 3yr - 1st Inst.	Individual	36,219	05
Lehman, A.B. Computer Science Toronto	Combinatorial network theory	Individual	1,470	16
Lehman, B. Math/Statistics Guelph	Cyclic extensibility of Bing decomposition 3yr - 1st Inst.	Individual	1,470	16
Lehmkuhl, D.M. Biology Saskatchewan	Ecology and taxonomy of aquatic insects 3yr - 2nd Inst.	Individual	14,310	01
Lehn, W.H. Electrical Eng. Manitoba	Atmospheric refraction phenomena 3yr - 2nd Inst.	Individual	6,360	17
Le-Huy, H. Ingénierie Qué.-Trois-Riv.	Etude de la commande par microprocesseur d'un système de production de l'énergie électrique par éolienne	Individuelle	14,628	11
Leibbrandt, G. Math/Statistics Guelph	1) Strings and vortices from nonlinear wave equations 2) Renormalization in noncovariant gauges 3yr - 1st Inst.	Individual	21,200	15
Leichter, J. Home Economics British Columbia	Effect of maternal alcohol consumption on growth and development of the offspring 3yr - 2nd Inst.	Individual	15,900	01
Leigh, W.J. Chemistry McMaster	Far-ultraviolet organic photochemistry / Effects of molecular environment on chemical reactivity 3yr - 1st Inst.	Univ. Research Fellow	19,080	05
Leighton, H.G. Meteorology McGill	Model studies of the transfer of radiation through the atmosphere 3yr - 2nd Inst.	Individual	18,550	17
Lein, M.R. Biology Calgary	Studies in avian behavior and ecology 3yr - 1st Inst.	Individual	22,260	18
Leipholz, H.H.E. Civil Engineering Waterloo	Metal fatigue and stochastic loading, stability and control of structures, contact and penetration problems 3yr - 1st Inst.	Individual	36,748	06
Lejohn, H.B. Microbiology Manitoba	Regulation of gene expression in eukaryotes	Individual	26,500	02
Le Lievre, B. Civil Engineering Waterloo	Behaviour of marine anchors 3yr - 1st Inst.	Individual	12,720	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lem, N.W. Biology Waterloo	An investigation into the mechanism of fatty acid desaturation in higher plant tissues 3yr - 1st Inst.	Univ. Research Fellow	15,900	03
LeMaguer, M. Food Science Alberta	Migration of solutes during water removal in foodstuffs 3yr - 1st Inst.	Individual	15,596	04
Lemaire, C.A. Mathématiques Laval	Variétés et classification des groupes 3ans - 2e vers.	Individuelle	3,294	16
Le May, I. Mechanical Eng. Saskatchewan	Mechanical behavior-microstructure relations in engineering alloys 3yr - 1st Inst.	Individual	37,524	04
Lemieux, G. Biochimie Laval	Biochimie de la différentiation cellulaire chez physarum polycephalum * avec C.Godin(Laval) 3ans - 2e vers.	Equipe	21,200	02
Lemieux, P.F. Génie civil Sherbrooke	Egout pluvial et pompage des eaux usées en mode conversationnel 3ans - 2e vers.	Individuelle	13,780	06
Lemieux, R.U. Chemistry Alberta	The binding of synthetic oligosaccharides by biological receptor sites. Antibodies, lectins and enzymes 3yr - 2nd Inst.	Individual	137,800	05
Lemire, F.W. Mathematics Windsor	Representation theory of Lie algebras 3yr - 3rd Inst.	Individual	4,283	16
Lemon, R.E. Biology McGill	Singing behaviour, social status and reproductive success in Redstarts 3yr - 2nd Inst.	Individual	31,800	01
Lenard, J.G. Mechanical Eng. New Brunswick	Metal forming operations 3yr - 2nd Inst.	Individual	24,327	13
Lenkinski, R. Chemistry Guelph	Spectroscopic studies of anthracycline antibiotics	Individual	15,900	05
Lennox, W.C. Civil Engineering Waterloo	A study of random phenomena in civil engineering applications	Individual	18,020	06
Lenz, A.C. Geology Western Ontario	Paleontology, paleoecology, biostratigraphy and stratigraphy of lower paleozoic of Northern and Arctic Canada 3yr - 3rd Inst.	Individual	31,832	10
Leonard, J.W. Chimie Laval	Polymérisations par voie ionique et études connexes 3ans - 3e vers.	Individuelle	13,467	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Leon-Garcia, A. Electrical Eng. Toronto	Issues in integrated services digital network design 3yr - 2nd Inst.	Individual	14,404	11
Lepage, Y. Math/statistiques Montréal	Analyse nonparametrique des parametres de position et de dispersion 3ans - 2e vers.	Individuelle	8,586	14
Lepine, Y. Physique Montréal	Transitions de phase dans les quasi-unidimensionels 3ans - 3e vers.	Individuelle	11,166	15
Lepock, J.R. Physics Waterloo	Physical studies of mammalian cell membranes 3yr - 3rd Inst.	Individual	17,140	02
Lepore, F. Psychologie Montréal	Organisation et développement du systéme commissural: études comportementales et électrophysiologiques chez le chat 3ans - 2e vers.	Individuelle	26,500	12
Lequoc, S. Mechanical Eng. Concordia	Applied research in process control & production automation	Individual	6,360	13
Lerbekmo, J.F. Geology Alberta	Magnetostratigraphic, radiochemical and radiometric correlations near the Cretaceous - Tertiary boundry	Individual	8,480	10
Leroueil, S. Génie civil Laval	Comportement général des argiles et ses applications pratiques 3ans - 1er vers.	Individuelle	21,200	06
Leroux, P. Mathématiques Québec-Montréal	Théories combinatoires et applications * avec A.Joyal, G.Labelle,J.Labelle(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe	14,840	16
Le Roy, R.J. Chemistry Waterloo	Determination and implications of intermolecular forces, and models for chemical kinetics 3yr - 1st Inst.	Individual	37,630	05
Leslie, J.D. Physics Waterloo	Properties of layers for solar energy conversion	Individual	13,738	15
Leslie, J.R. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
L'Espérance, G. Génie métall. Ecole Polytechnique	Microanalyse des précipités dans des aciers faiblement alliés à haute résistance contenant du Mo, Nb et de fortes teneurs d'Al 3ans - 1er vers.	Chercheur-boursier univ.	13,780	04
Lespérance, P.J. Géologie Montréal	Biostratigraphie de l'Ordovicien Supérieur au Dévonien Inférieur du Québec 3ans - 2e vers.	Individuelle	24,380	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lessard, J. Chimie Sherbrooke	Réactions organiques à intermédiaires réactifs (radicaux, nitrènes, carbènes): réactions redox électrochimie, photochimie 3ans - 3e vers.	Individuelle	19,589	05
Lessard, L. Physique Montréal	* Voir H.Jeremie(Montréal)	Equipe		22
Lessard, L. Physique Montréal	Graded-B accelerating structure	Coop	35,939	22
Lessard, R.A. Physique Laval	Interférométrie holographique - holographie incohérente, infrarouge et acoustique 3ans - 3e vers.	Individuelle	12,990	15
Lesser, B.H. Chemistry Calgary	Regulation by glucocorticoids of the expression of the alpha-fetoprotein gene in mouse liver 3yr - 1st Inst.	Individual	16,960	02
Lessman, C. Biology St. F. Xavier	Hormones in teleost oocyte meiosis and ovulation 3yr - 2nd Inst.	Individual	12,720	02
Lester, J.B. Astronomy Toronto	Quantitative spectroscopic studies of stellar atmospheres 3yr - 3rd Inst.	Individual	12,243	17
Letourneux, J. Physique Montréal	Physique nucléaire théorique 3ans - 2e vers.	Individuelle	28,885	15
Lett-Revusky, B.T. Psychology Memorial	Learning processes and drug-related behaviors 3yr - 1st Inst.	Individual	21,200	12
Leung, C.H. Physics New Brunswick	1) Studies of defects in insulators 2) Studies of multi-mode Jahn-Teller systems 3yr - 1st Inst.	Individual	8,000	15
Leung, C.S. Electrical Eng. British Columbia	Efficient, reliable and secure communication over noisy insecure channels 3yr - 1st Inst.	Individual	16,642	11
Leung, L.W.S. Psychology Western Ontario	Behavioural modulation of hippocampal and neocortical electrical activity 2yr - 1st Inst.	Univ. Research Fellow	20,140	12
Leupin, M.M. Photogrammetrie Laval	Recherche en photogrammétrie analytique et cartographie automatisée 3ans - 2e vers.	Individuelle	15,900	06
Leutheusser, H.J. Mechanical Eng. Toronto	Research in fluid mechanics 3yr - 2nd Inst.	Individual	24,486	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Le Van Mao, R. Chemistry Concordia	Bi-component zeolites as improved detergent builders or flexible fluid cracking catalysts 3yr - 1st Inst.	Individual	9,476	04
Lever, A.B.P. Chemistry York	Bio-inorganic and energy conversion aspects of coordination chemistry 3yr - 2nd Inst.	Individual	37,100	05
Lever, J.H. Engineering Memorial	Flow induced vibrations in mechanical and ocean engineering 3yr - 1st Inst.	Individual	15,040	13
Levesque, C. Mathématiques Laval	Sur les unités de certains corps de nombres algébriques 3ans - 3e vers.	Individuelle	8,570	16
Levin, M. Computer Science Acadia	1) Functional and transformational language 2) Database navigation	Individual	12,553	07
Levine, M.D. Electrical Eng. McGill	Computer perception 3yr - 2nd Inst.	Individual	25,419	11
Levine, R.L. Biology McGill	Pathway choice by regenerating optic fibers in the goldfish 3yr - 2nd Inst.	Individual	21,200	01
Levinson, A.A. Geology & Geophys. Calgary	Exploration and environmental geochemistry 3yr - 3rd Inst.	Individual	13,467	10
Levison, M. Comp. & Info. Sc. Queen's	Generalized editing systems	Individual	9,415	07
Levy, B.A. Psychology McMaster	Comprehension & reading 3yr - 2nd Inst.	Individual	20,776	12
Levy, M.R. Computer Science Victoria	A conceptual framework for programming environments	Individual	11,748	07
Lewars, E.G. Chemistry Trent	Studies of potential heterocyclopropene precursors 3yr - 3rd Inst.	Individual	12,856	05
Lewis, J.B. Redpath Museum McGill	Secondary production on coral reefs 3yr - 2nd Inst.	Individual	20,670	18
Lewis, J.E. Geography McGill	Urban climate and land-cover: Surface energy exchange as a function of urban terrain characteristics 3yr - 2nd Inst.	Individual	9,540	10
Lewis, J.E. Electrical Eng. New Brunswick	Microwave heating and guided wave studies 3yr - 3rd Inst.	Individual	14,570	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lewis, J.E. Mathematics Alberta	Problems in convexity and combinatorial geometry 3yr - 1st Inst.	Individual	3,500	16
Lewis, J.K.C. Physics Memorial	Collective effects in collision-induced light absorption and scattering 3yr - 3rd Inst.	Individual	8,876	15
Lewis, N.A. Chemistry New Brunswick	Inter-and intra-molecular electron transfer reactions, and electron tunnelling in saturated molecules 2yr - 1st Inst.	Individual	15,370	05
Lewkowicz, A.G. Geography Toronto	Measurement and simulation of permafrost degradation on slopes, Banks Island 2yr - 1st Inst.	Individual	13,780	10
Lewry, J.F. Geology Regina	Investigation of a possible lower Proterozoic fore-arc and collisional suture zone in northern Saskatchewan 3yr - 2nd Inst.	Individual	13,250	10
Leznoff, C.C. Chemistry York	The use of polymer supports in organic synthesis 3yr - 2nd Inst.	Individual	24,380	05
Lieffers, V.J. Forest Science Alberta	Production of peatland trees and shrubs in relation to environmental variables in north-central Alberta 3yr - 1st Inst.	Univ. Research Fellow	10,600	18
Lielmezs, J. Chemical Eng. British Columbia	1) Magnetic field effect on thermodynamic & transport properties of liquids 2) Magneto-catalytic & external magnetic field influence on chemical reaction rates 3) Fluid flow through freezing porous media 4) Thermodynamic & transport property prediction & calculation for gases and liquids 3yr - 2nd Inst.	Individual	40,810	04
Liestman, A.L. Computer Science Simon Fraser	Reliability in communication processes	Individual	12,296	11
Liley, N.R. Zoology British Columbia	The causation of behaviour in fish	Individual	19,768	01
Lim, C.C. Physics Waterloo	Properties of materials at low temperatures 3yr - 3rd Inst.	Individual	11,019	15
Lim, C.J. Chemical Eng. British Columbia	Spouted beds hydrodynamics and heat transfer 3yr - 1st Inst.	Individual	13,780	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lin, C.A. Physics Toronto	A stochastic model of atmospheric stationary waves	Individual	16,960	17
Lin, C.S. Chemistry Windsor	1) Some aspects of chemical physics of molecular vibration 2) Organo-metallic compounds containing Si	Individual	6,360	05
Lin, K.C. Civil Engineering New Brunswick	1) Treatment of potato processing wastes 2) Water quality modelling of the Saint John River 3yr - 2nd Inst.	Individual	15,900	06
Lin, S. Mechanical Eng. Concordia	Transport phenomena and their applications 3yr - 2nd Inst.	Individual	21,412	13
Lind, N.C. Civil Engineering Waterloo	Strength and safety of structures 3yr - 2nd Inst.	Individual	49,820	06
Linden, W. Psychology British Columbia	Controlled blood pressure reduction and the psychophysiology of hypertension 2yr - 2nd Inst.	Individual	6,360	12
Lindon, P.H. Engineering Laurentian	Process metallurgy of reduction and slag cleaning reactions in smelting pre-reduced sulphide nickel and nickel-copper calcines 3yr - 2nd Inst.	Individual	11,766	04
Lindsay, J.F. Electrical Eng. Concordia	Steady-state and dynamic performance of thyristor-supplied motor drives 3yr - 1st Inst.	Individual	14,628	11
Lindsey, C.C. Animal Res. Ecol. British Columbia	Adaptive significance of variation in fishes 3yr - 3rd Inst.	Individual	47,748	18
Lingappaiah, G. Mathematics Concordia	Distribution theory with applications 3yr - 1st Inst.	Individual	2,148	14
Link, S.W. Psychology McMaster	Relative judgment theory 3yr - 3rd Inst.	Individual	34,893	12
Links, G. Fin. & Manag. Sci. Saskatchewan	Impact of user independence on the acceptance and effectiveness of decision support systems	Individual	6,260	07
Linton, C. Physics New Brunswick	Optical and laser spectroscopy of diatomic molecules 3yr - 1st Inst.	Individual	17,013	15
Lintz, R.G. Mathematics McMaster	Non deterministic mathematics and applications to physics 3yr - 3rd Inst.	Individual	1,428	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Lipshitz, S.P. Applied Math. Waterloo	Investigation of mathematical and electroacoustical problems in sound recording and reproduction 3yr - 3rd Inst.	Individual	9,794	11
Liptrap, R.M. Biomed Sciences Guelph	Control of LH and steroid hormones in the pig 3yr - 2nd Inst.	Individual	9,540	01
List, R. Physics Toronto	Precipitation physics (No overlap with AES application) * with R.E.Stewart(Toronto) 3yr - 1st Inst.	Team	64,554	17
Lit, J. Physics Wilfrid Laurier	Optical fibre and thin film devices 3yr - 2nd Inst.	Individual	23,998	15
Litherland, A.E. Physics Toronto	Nuclear physics research using ultrasensitive mass spectrometry 3yr - 3rd Inst.	Individual	85,701	22
Little, J.G. Biology York	Thymine nucleotide metabolism and DNA replication in yeast 3yr - 3rd Inst.	Individual	30,608	02
Little, W.D. Electrical Eng. Victoria	Microcomputer systems and applications	Individual	9,858	11
Liu, C.F.A. Mathematics Alberta	Extremal problems in hypergraphs and geometry 3yr - 3rd Inst.	Individual	2,380	16
Liu, H.J. Chemistry Alberta	1) Thiol esters in organic synthesis 2) Synthetic studies on natural products 3yr - 1st Inst.	Individual	40,459	05
Liu, J.W.H. Computer Science York	Sparse matrix technology, design & analysis of algorithms	Individual	10,545	07
Liu, M.T.H. Chemistry Prince Edward Isl	Diazirines, N-nitrosoimines, kjnetics & mechanism 3yr - 3rd Inst.	Individual	19,589	05
Liu, W.K. Physics Waterloo	Theory of relaxation and transport in gases and green function theory of chemisorption on surfaces 3yr - 3rd Inst.	Univ. Research Fellow	12,243	05
Liversage, R.A. Zoology Toronto	Limb and organ regeneration in vertebrates with emphasis on the wound repair, dedifferentiation, growth and differentiation phases 3yr - 1st Inst.	Individual	29,652	01
Llamas, J. Génie civil Laval	Hydrologie des bassins nordiques 3ans - 2e vers.	Individuelle	19,610	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Llewellyn, E.J. Physics Saskatchewan	Atmospheric photochemistry from space-borne and ground-based instruments 3yr - 2nd Inst.	Individual	41,340	17
Lo, K.V. Bio-Res. Eng. British Columbia	Aerobic and anaerobic waste treatment and energy production system 3yr - 2nd Inst.	Individual	13,250	06
Lo, K.Y. Civil Engineering Western Ontario	Thermal stability of underground structures in rocks 3yr - 1st Inst.	Individual	57,240	06
Lo, R.Y.C. Microbiology Guelph	Mutant construction by gene complementation, in vitro mutagenesis and gene replacement techniques 3yr - 1st Inst.	Individual	18,020	02
Lo, S.N. Pâtes et papiers Qué.-Trois-Riv.	Traitement biologique de la liqueur résiduaire au bisulfite de sodium par des boues activées et utilisation des lignosulfonates récupérés de l'effluent 3ans - 3e vers.	Individuelle	16,406	04
Loader, C.E. Chemistry Memorial	* Principal investigator H.J.Anderson(Memorial) 3yr - 2nd Inst.	Team		05
Locat, J.E. Géologie Laval	Inter-relations entre la nature, les processus de formation des dépôts argileux et leur comportement mécanique 2ans - 2e vers.	Individuelle	10,600	10
Lochovsky, F.H. Computer Science Toronto	User interfaces for message management systems 3yr - 1st Inst.	Individual	23,054	07
Lock, C.J.L. Chemistry McMaster	Studies of the inorganic chemistry of transition elements used in medicine 3yr - 3rd Inst.	Individual	26,935	05
Locke, M. Zoology Western Ontario	Ultrastructural studies of developing cells 3yr - 1st Inst.	Individual	63,600	02
Lockhart, R.A. Mathematics Simon Fraser	Goodness of fit in survival analysis 3yr - 1st Inst.	Individual	4,295	14
Lockhart, R.S. Psychology Toronto	Studies in thinking and remembering 3yr - 3rd Inst.	Individual	22,650	12
Lodwick, G.D. Surveying Eng Calgary	Development of digital terrain models of the earth's surface using Landsat data 3yr - 2nd Inst.	Individual	13,780	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Loewen, P.C. Microbiology Manitoba	Studies on catalase gene regulation and bacterial metabolism in the presence of ascorbic acid 3yr - 2nd Inst.	Individual	24,380	02
Logan, A. Geology New Brunswick	1) Interspecific aggression in Bermudian corals 2) Benthic hard substrate communities, Bay of Fundy 3yr - 2nd Inst.	Individual	16,960	10
Logan, B.A. Physics Ottawa	Experiments with NRC Van de Graaff accelerator. Nuclear decays	Individual	19,080	22
Logan, D.M. Biology York	Lipid and membrane metabolism in dystrophic animals 3yr - 1st Inst.	Individual	19,080	02
Logan, G.D. Psychology Toronto	Real-time control of thought and action	Univ. Research Fellow	9,133	12
Logan, G.D. Psychology British Columbia	Real-time control of thought and action 2yr - 1st Inst.	Univ. Research Fellow	13,127	12
Logrippo, L. Computer Science Ottawa	Formal models of open system interconnection architecture	Individual	9,628	07
Loh, N.K. Electrical Eng. Windsor	Image processing using adaptive control theory 3yr - 1st Inst.	Individual	17,172	11
Lolordo, V.M. Psychology Dalhousie	Selective associations in rats and pigeons 3yr - 2nd Inst.	Individual	37,100	12
Lolos, G.J. Physics Regina	Measurement of iT11 deuteron vector polarization and spin transfer in the reaction pi +d pp. Development of state of the art ultra fast timing and position sensitive scintillator detectors 3yr - 1st Inst.	Univ. Research Fellow	10,600	22
Loly, P.D. Physics Manitoba	Theoretical studies of phenomena in crystalline solids 3yr - 2nd Inst.	Individual	18,942	15
Lombos, B.A. Electrical Eng. Concordia	Optoelectronic materials and devices 3yr - 2nd Inst.	Individual	16,695	15
Long, B.F.N. INRS-Océanolog. Québec - INRS	Evolution sédimentologique et géomorphologique des estuaires de la côte nord du Golf du Saint-Laurent 2ans - 1er vers.	Individuelle	9,540	10
Long, D.G.F. Geology Laurentian	Sedimentology and stratigraphy of Precambrian sequences 2yr - 1st Inst.	Individual	12,720	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Longstaffe, F.J. Geology Alberta	Physico-chemical investigations of water-rock interaction in low-temperature environments 3yr - 2nd Inst.	Individual	21,200	10
Longworth, J. Civil Engineering Alberta	1) Behavior of masonry structures 2) Behavior of glued laminated timber beam-columns 3yr - 2nd Inst.	Individual	22,896	06
Loov, R. Civil Engineering Calgary	Optimum design of concrete structures 3yr - 1st Inst.	Individual	19,080	06
Lorch, L. Mathematics York	Monotonicity properties of ordinary differential equations and special functions. Expansions and their summability 3yr - 2nd Inst.	Individual	15,059	16
Lord, A. Biologie Sherbrooke	Etude morphologique et immunocytochimique du rôle de la poly (ADP-ribose) polymérase 3ans - 1er vers.	Individuelle	13,780	02
Lorimer, J.W. Mathematics Toronto	Topological Hjelmslev planes 3yr - 2nd Inst.	Individual	3,294	16
Lortie, M. Génie industriel Ecole Polytechnique	Le travail de préposé aux bénéficiaires et les maux de dos 3ans - 1er vers.	Individuelle	10,070	20
Losey, G.O. Mathematics Manitoba	Research into the structure of the augmentation quotients of integral group rings 3yr - 2nd Inst.	Individual	5,648	16
Lott, J.N.A. Biology McMaster	Studies of protein bodies in seeds 3yr - 1st Inst.	Individual	33,113	03
Loucks, W.M. Electrical Eng. Toronto	Multiprocessor design, application and VLSI implementation 3yr - 1st Inst.	Individual	12,402	11
Louden, K.E. Oceanography Dalhousie	Earth structure 2yr - 1st Inst.	Individual	22,260	10
Loughton, B.G. Biology York	The physiology of the locust neuroendocrine system 3yr - 3rd Inst.	Individual	17,140	01
Loulou, R.J. Aménagement McGill	Heuristic methods for difficult partitioning problems arising in scheduling 3ans - 2e vers.	Individuelle	12,720	20
Lovasik, J.V. Optometry Waterloo	Neural and optical mechanisms of ocular accommodation in cat 3yr - 1st Inst.	Individual	15,900	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Love, R.F. Management Sciences McMaster	Location-allocation under the mini-max criterion 3yr - 2nd Inst.	Individual	24,380	20
Lowe, D.G. Psychology Trent	Efficacy of attention strategies 3yr - 1st Inst.	Individual	8,056	12
Lowe, L.E. Soil Science British Columbia	Characterization and role of soil organic matter 3yr - 2nd Inst.	Individual	26,500	03
Lowe, R.P. Physics Western Ontario	Spectroscopic study of atmospheric, astrophysical and laboratory sources 3yr - 2nd Inst.	Individual	15,582	17
Lown, J.W. Chemistry Alberta	Synthetic and mechanistic research in the fields of heterocyclic and antibiotic chemistry 3yr - 3rd Inst.	Individual	42,851	05
Lowther, D.A. Electrical Eng. McGill	Problem description and result evaluation in electromagnetic field analysis 3yr - 1st Inst.	Individual	18,020	11
Lozowski, E.P. Meteorology Alberta	Simulation modelling of aircraft icing 3yr - 1st Inst.	Individual	18,444	13
Lu, B.C.K. Botany & Genetics Guelph	Meiotic cell cycle and genetic recombination in Coprinus 3yr - 1st Inst.	Individual	44,520	02
Lu, B.C.Y. Chemical Eng. Ottawa	Research in chemical engineering thermodynamics 3yr - 2nd Inst.	Individual	52,364	04
Lu, W.K. Metal/Mat. Science McMaster	Theoretical and experimental studies on physical chemistry and the transport phenomena in iron and steel making 3yr - 2nd Inst.	Individual	40,280	04
Luckman, B.H. Geography Western Ontario	Little ice age in Jasper National Park 3yr - 2nd Inst.	Individual	15,900	10
Ludden, J.N. Géologie Montréal	Fine-scale evaluation of the petrogenesis and metallogenesis of igneous rocks from Archaean to recent terrains 3ans - 3e vers.	Individuelle	23,874	10
Ludgate, G.A. TRIUMF British Columbia	* Refer to C.J.Oram(British Columbia)	Project		22
Ludgate, G.A. TRIUMF British Columbia	* Refer to D.A.Axen(British Columbia)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ludvigsen, R. Geology Toronto	Lower paleozoic trilobite biostratigraphy 3yr - 3rd Inst.	Individual	19,589	10
Ludwig, D.A. Mathematics British Columbia	Mathematical methods for resource management 3yr - 1st Inst.	Individual	41,317	16
Ludwig, G. Mathematics Alberta	Exact solutions in general relativity 3yr - 3rd Inst.	Individual	4,283	16
Luft, E. Mathematics British Columbia	Topics in 3-manifolds 3yr - 1st Inst.	Individual	4,410	16
Luk, S.H. Geography Toronto	Spatial variability of soil loss within small areas 3yr - 2nd Inst.	Individual	7,420	10
Luk, W.S. Computer Science Simon Fraser	1) Query processing 2) Distributed database systems 3yr - 1st Inst.	Individual	14,154	07
Lukasiewicz, S. Mechanical Eng. Calgary	Nonlinear behaviour of thin-walled structures under static and dynamic loads 3yr - 1st Inst.	Individual	19,610	13
Luke, T.M. Applied Math. Western Ontario	* Principal investigator J.D.Talman(Western Ontario) 3yr - 2nd Inst.	Team		15
Lumsden, C.J. Medicine Toronto	Development of the theory of sociobiology and gene-culture coevolution 3yr - 1st Inst.	Individual	13,250	18
Lumsden, J.H. Pathology Guelph	Neutrophil function in experimental and spontaneous diseases in animals 3yr - 3rd Inst.	Individual	14,692	01
Lund, J.A.H. Metallurgical Eng. British Columbia	Powder metallurgy 2yr - 1st Inst.	Individual	15,794	04
Lupker, S.J. Psychology Western Ontario	Automatic processing of pictures and words 3yr - 3rd Inst.	Individual	12,243	12
Lushington, K.J. Chemistry McMaster	Studies in solid state chemistry and physics 2yr - 1st Inst.	Univ. Research Fellow	15,900	05
Luste, G.J. Physics Toronto	Project 76.02 Photoproduction of final states of mass above 2.5 GeV with a magnetic spectrometer in the Tagged Photon Lab * with R.K.Carnegie(Carleton), G.F.Hartner(Toronto)	Project	246,750	23
Lustman, F. Infor. & rech opér. Montréal	Environnement informatique pour l'usager	Individuelle	11,147	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Luus, R. Chemical Eng. Toronto	Optimization and optimal control of engineering processes 3yr - 2nd Inst.	Individual	34,768	04
Lynch, D.T. Chemical Eng. Alberta	Stability of chemical and catalytic reactors 3yr - 2nd Inst.	Individual	13,250	04
Lynn, D.H. Zoology Guelph	Evolution of cell structures and DNA sequences in simple eukaryotes 3yr - 2nd Inst.	Individual	22,260	02
Lyon, G.F. Physics Western Ontario	* Principal investigator P.A.Forsyth(Western Ontario) 3yr - 2nd Inst.	Team		17
MacArthur, J.D. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
MacArthur, R.A. Zoology Manitoba	Aquatic thermoregulation and bioenergetics in the muskrat 3yr - 3rd Inst.	Univ. Research Fellow	17,140	01
Macartney, D.H. Chemistry Queen's	Electron transfer reactions of d7 transition metal complexes 3yr - 1st Inst.	Univ. Research Fellow	19,080	05
MacCrimmon, H.R. Zoology Guelph	Environmental influences in taxonomy, ecology, behaviour, production and zoogeography of freshwater fishes with emphasis on selected salmonid species 3yr - 1st Inst.	Individual	21,200	18
Macdonald, A.D. Biology Lakehead	Morphogenesis of vegetative and reproductive structures of Birch 3yr - 3rd Inst.	Individual	13,467	03
Macdonald, D.G. Chemical Eng. Saskatchewan	Physical and chemical treatment of agricultural and forestry residues for the production of SCP and ethanol 3yr - 2nd Inst.	Individual	14,098	04
Macdonald, I.F. Chemical Eng. Waterloo	1) Flow in porous media and interfacial phenomena 2) Constitutive relations and time-dependent nonlinear flow behaviour of complex materials 3yr - 2nd Inst.	Individual	11,130	04
Macdonald, J.A. TRIUMF British Columbia	* Refer to A.Olin(Victoria)	Project		22
MacDonald, J.L. Mathematics British Columbia	Essentially algebraic structures and locally orthogonal factorizations 3yr - 2nd Inst.	Individual	4,236	16
MacDonald, J.R. Physical Science Guelph	Interactions of ions with solids 3yr - 3rd Inst.	Individual	35,273	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Macdonald, P.D.M. Mathematical Sci. McMaster	Stochastic models with biostatistical applications 3yr - 1st Inst.	Individual	11,928	14
MacDougall, J.A. Math/Comp Science Prince Edward Isl	* Principal investigator L.G.Sweet(P.E.I.) 3yr - 3rd Inst.	Team		16
MacDougall, J.D. Physical Education McMaster	* Refer to D.G.Sale(McMaster) 2yr - 1st Inst.	Team		01
MacDougall, J.W. Electrical Eng. Western Ontario	* Principal investigator P.A.Forsyth(Western Ontario) 3yr - 2nd Inst.	Team		17
MacEwen, G.H. Comp. & Info. Sc. Queen's	The structure of operating systems 3yr - 2nd Inst.	Individual	19,365	07
MacGibbon-Taylor, K.B. Math/Comp Science Sherbrooke	Statistics and analytic sets 3yr - 3rd Inst.	Individual	4,359	14
MacGregor, J.F. Chemical Eng. McMaster	1) Computer control of chemical processes and mineral processing operations 2) Statistical methodology for the solution of chemical engineering problems 3yr - 3rd Inst.	Individual	24,976	04
MacGregor, J.G. Civil Engineering Alberta	Safety strength and stability of reinforced concrete 3yr - 2nd Inst.	Individual	56,180	06
Machin, J. Zoology Toronto	Water, electrolyte and energy relations of animals 3yr - 1st Inst.	Individual	38,054	01
Machin, K.E. Mechanical Eng. New Brunswick	Transient stresses in bars and plates 3yr - 1st Inst.	Individual	17,172	13
MacInnis, C. Civil Engineering Windsor	Characterization of air-void systems in hardened concrete	Individual	18,020	06
Mackauer, J.P.M. Biolog. Sciences Simon Fraser	Quantitative assessment of biological control agents and procedures 3yr - 1st Inst.	Individual	42,400	18
Mackay, A.L. Physics British Columbia	Application of nuclear magnetic resonance techniques to biological problems 2yr - 1st Inst.	Univ. Research Fellow	18,338	02
Mackay, D. Chemical Eng. Toronto	Transport, equilibrium and modeling of toxic substances 3yr - 1st Inst.	Individual	25,122	04
Mackay, D. Chemistry Waterloo	Synthesis of highly hetero-substituted rings by cycloaddition reactions 3yr - 1st Inst.	Individual	17,318	05

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Mackay, J.R. Geography British Columbia	Origin of permafrost and ground ice, Western Arctic Coast, Canada 3yr - 2nd Inst.	Individual	35,033	10
Mackay, R.J. Zoology Toronto	Ecology of aquatic insects in perturbed rivers 3yr - 3rd Inst.	Individual	17,140	18
Mackay, W.C. Zoology Alberta	Environmental physiology of fish 3yr - 2nd Inst.	Individual	14,522	01
MacKenzie, C.L. Kinesiology Waterloo	Constraints on response processes underlying finger movements 3yr - 2nd Inst.	Individual	5,300	12
MacKenzie, I.K. Physics Guelph	Positrons in condensed matter 3yr - 3rd Inst.	Individual	41,174	15
Mackey, M.C. Physiology McGill	Oscillation and chaos in physiological control systems * with L.M.Glass(McGill) 3yr - 2nd Inst.	Team	22,260	01
Macki, J.W. Mathematics Alberta	Zero-tending solutions / Boundary-value problems / Modelling of physiological processes 3yr - 1st Inst.	Individual	9,060	16
Mackie, G.L. Zoology Guelph	Indicator value of pisidiidae clams	Individual	20,140	18
Mackie, G.O. Biology Victoria	Analysis of invertebrate behavioral mechanisms 3yr - 2nd Inst.	Individual	59,678	01
MacKinnon, B.M. Biology New Brunswick	Morphology, physiology and development of the reproductive system and embryos of Trichinella spiralis and T. pseudospiralis (Nematoda)-human pathogens in Canada 3yr - 1st Inst.	Univ. Research Fellow	12,720	01
MacKinnon, E. Anatomy Queen's	Cytological analyses of cellular senescence in vitro 2yr - 1st Inst.	Individual	10,600	02
MacKinnon, J.C. Engineering Dalhousie	Energy-flow models of plant and animal production systems	Individual	5,300	18
Macko, S.A. Earth Sciences Memorial	Stable nitrogen isotope / chemical structure correlations in natural environments 2yr - 1st Inst.	Individual	13,780	10
Mackworth, A.K. Computer Science British Columbia	Computer-based image understanding 3yr - 3rd Inst.	Individual	40,402	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
MacLachlan, G.A. Biology McGill	Glycosyltransferases in plant tissues 3yr - 1st Inst.	Individual	88,510	03
MacLatchy, C.S. Physics Acadia	Electrostatic probe diagnostics of flames 3yr - 1st Inst.	Individual	10,600	15
MacLean, D.B. Chemistry McMaster	Structural and synthetic studies in natural products chemistry. Fragmentation of organic molecules on electron impact 3yr - 2nd Inst.	Individual	50,880	05
MacLean, D.W. Mathematics Saskatchewan	Optimization of log breakdown patterns in sawmills 3yr - 1st Inst.	Individual	2,000	20
MacLean, L.C. Business Admin. Dalhousie	Chance constrained programming 3yr - 3rd Inst.	Individual	1,714	16
MacLean, W.H. Geological Sciences McGill	Origin and mode of emplacement of Noranda-type massive sulfides at Matagami, Quebec 3yr - 2nd Inst.	Individual	14,840	10
MacLeod, C.M. Life Sciences Toronto	Cognitive skills: An individual-differences approach 3yr - 1st Inst.	Individual	14,840	12
Macleod, G.K. Animal/Poultry Sc. Guelph	Effect of levels of fibre and feed intake on digestion in the rumen of cattle compared with sheep 3yr - 2nd Inst.	Individual	19,610	01
Macleod, I.A. Comp. & Info. Sc. Queen's	Interactive system design 3yr - 3rd Inst.	Individual	18,365	07
MacLeod, R.A. Microbiology Macdonald Coll.	Comparative biochemistry of marine and terrestrial bacteria 3yr - 2nd Inst.	Individual	54,060	02
MacLeod, R.A. Mathematics Victoria	Generalized Euler number sequences, and a binomial coefficient sum 3yr - 1st Inst.	Individual	2,980	16
MacNeill, B.H. Environ. Biology Guelph	1) Studies in plant viruses 2) Genetics of plant pathogens 3yr - 3rd Inst.	Individual	20,813	03
MacNeill, I.B. Stat. & Actuar. Sc Western Ontario	Statistical inference for stochastic processes 3yr - 3rd Inst.	Individual	12,237	14
Macpherson, J.C. Geography Memorial	Palynological investigations, Newfoundland	Individual	8,480	10
MacPhie, R.H. Electrical Eng. Waterloo	Electromagnetic scattering by prolate spheroids and at waveguide junctions 3yr - 3rd Inst.	Individual	32,934	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Macqueen, R.W. Earth Sciences Waterloo	Carbonate-hosted lead-zinc deposits; sedimentology/Organic geochemistry of selected Canadian Paleozoic suites 3yr - 1st Inst.	Individual	25,440	10
MacRae, N.D. Geology Western Ontario	Geochemistry of crustal fusion processes 3yr - 2nd Inst.	Individual	10,600	10
MacRae, T.H. Biology Dalhousie	The regulation of microtubule assembly 3yr - 3rd Inst.	Individual	14,692	02
Madan, M.P. Physics Prince Edward Isl	Thermodynamic, dielectric and related properties of solids and liquids 3yr - 2nd Inst	Individual	11,914	15
Madore, B.F. Astronomy Toronto	Structure and evolution of near-by galaxies 3yr - 3rd Inst.	Individual	20,813	17
Madsen, B. Civil Engineering British Columbia	Grading, duration of load, combined stresses 3yr - 1st Inst.	Individual	44,520	06
Madugula, M.K.S. Civil Engineering Windsor	1) Cold-formed steel angles in latticed towers 2) Concrete pavement design computer programme 3yr - 1st Inst.	Individual	16,960	06
Magalhaes, L.E. Civil Engineering Manitoba	Dissipation of sand slurry backfill energy in vertical pipes 3yr - 1st Inst.	Individual	11,660	06
Magazine, M.J. Management Sciences Waterloo	Heuristics in industrial scheduling 3yr - 1st Inst.	Individual	34,494	20
Magnenat-Thalmann, N. Méth. quant. gest. Montréal	Animation par ordinateur et base de données 3ans - 1er vers.	Individuelle	18,535	07
Magnin, E. Sciences biolog. Montréal	Ecologie des poissons dans les Laurentides et sur le territoire de la Baie James 3ans - 2e vers.	Individuelle	6,360	18
Mahaney, W.C. Geography York	Quaternary geology of Mount Kenya, East Africa 2yr - 1st Inst.	Individual	8,480	10
Mahdavi-Amiri, N. Computer Science York	Nonlinear optimization software design, implementation, testing and comparison	Individual	8,480	07
Mahmoud, S. Systems Eng. Carleton	Distributed processing systems over land and mobile communications networks 3yr - 3rd Inst.	Individual	22,037	07
Mahrt, J.L. Zoology Alberta	Investigations on protozoan parasites of birds and reptiles 3yr - 3rd Inst.	Individual	14,692	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Mailer, C. Physics New Brunswick	Time domain electron paramagnetic studies of anisotropic motion 3yr - 1st Inst.	Individual	13,960	15
Mailer, K. Chemistry Saint Mary's	UV differential study of glutathione peroxidase	Individual	10,600	05
Mailloux, G.E. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Mainville, S. Mathématiques Qué.-Trois-Riv.	Applications des probabilités à la linguistique 3ans - 1er vers.	Individuelle	3,000	14
Maire, A.R. Chimie - biologie Qué.-Trois-Riv.	Sélectivité des femelles de moustiques pour leurs sites naturels d'oviposition 2ans - 1er vers.	Chercheur-boursier univ.	23,320	18
Majithia, J. Comp. & Info. Sc. Guelph	Computer communication networks, multiprocessor architectures 3yr - 1st Inst.	Individual	36,480	07
Majumdar, S.R. Math/Statistics Calgary	1) Theoretical studies of interactions of particles in viscous fluid 2) Studies in stability of liquid menisci 3) Studies in capillary gravity waves 3yr - 1st Inst.	Individual	12,819	16
Mak, H.B. Physics Queen's	Nuclear structure research 2yr - 1st Inst.	Univ. Research Fellow	31,800	22
Mak, M.K.S. Chemistry St. F. Xavier	Applications of kinetic analysis to environmentally and industrially relevant problems	Individual	15,900	05
Mak, S. Biology McMaster	Regulation of gene functions in virus infected & transformed mammalian cells 3yr - 2nd Inst.	Individual	51,940	02
Makkai, M. Mathematics McGill	Model theory and categorical logic 3yr - 2nd Inst.	Individual	32,944	16
Malcolm, M.A. Computer Science Waterloo	Portable software for distributed systems 3yr - 1st Inst.	Individual	56,985	07
Malcuit, G. Psychologie Québec-Montréal	* Chercheur principal A.Pomerleau(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe		12
Male, D.H. Mechanical Eng. Saskatchewan	Redistribution and melt of snow 3yr - 1st Inst.	Individual	27,030	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Malewski, R. Génie électrique Ecole Polytechnique	Méthodes de mesure de très haute tension et de courant fort 3ans - 2e vers.	Individuelle	11,872	11
Malhotra, S.K. Civil Engineering Tech. Univ. N.S.	1) Application of limit states design concepts to timber compression members 2) Behaviour of timber connections fabricated with multiple fasteners 3yr - 1st Inst.	Individual	21,200	06
Malhotra, S.K. Biolog. Sciences Alberta	Organization of cellular membranes 3yr - 3rd Inst.	Individual	30,608	02
Malik, H.J. Math/Statistics Guelph	Some problems in life distributions: Life testing and reliability 3yr - 3rd Inst.	Individual	3,391	14
Malik, M.A. Mathematics Concordia	Extremal properties of polynomial 3yr - 3rd Inst.	Individual	2,039	16
Malik, O.P. Electrical Eng. Calgary	Electrical power systems-simulation, operational behaviour, control and protection 3yr - 2nd Inst.	Individual	28,938	11
Mallet, V.N. Chimie Moncton	Développement de méthodes d'analyse pour les pesticides et les produits reliés 3ans - 2e vers.	Individuelle	16,960	05
Malli, G.L. Chemistry Simon Fraser	Effect of relativity on chemical bonding and geometry of molecules 3yr - 2nd Inst.	Individual	15,900	05
Malloch, D. Botany Toronto	Studies of selected fungi as potential entomycorrizal symbionts with forest trees 3yr - 3rd Inst.	Co-op	24,486	03
Malloch, D.W. Botany Toronto	Mycorrhizal associations in the boreal forest region of Canada 3yr - 2nd Inst.	Individual	25,440	03
Mallory, F.F. Biology Wilfrid Laurier	Seasonal patterns of productivity in arctic fox & microtine populations: A genetic and demographic study	Individual	9,200	18
Mallory, F.F. Biology Laurentian	Seasonal patterns of productivity in Arctic fox and microtine populations: A genetic and demographic study 3yr - 1st Inst.	Individual	12,000	18
Malouin, J.L. Opér./syst. de déc Laval	Technologie et productivité des entreprises: modélisation et simulation sectorialisée * avec M.Oral,J.Rahn(Laval) 3ans - 1er vers.	Equipe	19,080	20

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Malowany, A.S. Electrical Eng. McGill	Computer graphics color display systems	Individual	6,890	11
Malpas, J.G. Earth Sciences Memorial	1) Magma chamber processes in the oceanic and continental lithospheres 2) Volcanic stratigraphy of the western Avalon Peninsula 3yr - 1st Inst.	Individual	32,860	10
Malsbury, C.W. Psychology Memorial	Neuroendocrine control of maternal responsiveness 3yr - 3rd Inst.	Individual	20,813	12
Maly, E.J. Biology Concordia	Factors affecting niche breadth and dynamics of calanoid copepod populations 3yr - 2nd Inst.	Individual	18,550	18
Malzan, J. Mathematics Toronto	Lie groups, coxeter groups 3yr - 3rd Inst.	Individual	3,333	16
Mamet, B.L. Géologie Montréal	Microfaciès carbonatés du Paléozoïque; microfaune et microflore 3ans - 1er vers.	Individuelle	46,640	10
Mamet, M.D. Biochemistry Montréal	Mechanism of action of alkylating agents on T7 phage 3yr - 1st Inst.	Individual	23,320	02
Man, C.S. Civil Engineering Manitoba	Frozen soils as multiphase (immiscible) mixtures: 1) Creep properties 3yr - 1st Inst.	Individual	12,614	13
Manchester, F.D. Physics Toronto	The physics of metal-hydrogen systems 3yr - 1st Inst.	Individual	25,482	15
Mandarino, J.A. Geology Toronto	Assessment of the compatibility of mineralogical data 2yr - 2nd Inst.	Individual	9,540	10
Mandelis, A. Mechanical Eng. Toronto	Photoacoustic studies of electrode structure and photocorrosion in electrochemical cells 3yr - 1st Inst.	Individual	20,781	15
Mandl, P. Math/Statistics Carleton	Three-dimensional flows trough propellors	Individual	1,470	16
Mangat, B. Biology Concordia	Carbohydrate metabolism in algae 3yr - 2nd Inst.	Individual	12,720	03
Manitius, A. Centre de rech math Montréal	Optimal control of hereditary systems 3ans - 2e vers.	Individuelle	26,181	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Manley, P.L. Mathematics Windsor	1) Lie algebras with dimensionally nilpotent derivations 2) Rings with core elements 3) Hybrid algebra with duality 4) Quasi-annihilator radical 5) Dynamics of moving simplexes 3yr - 2nd Inst.	Individual	1,412	16
Manley, R.S.J. Chemistry McGill	The molecular morphology of crystalline polymers 3yr - 3rd Inst.	Individual	31,832	05
Mann, K.H. Biology Dalhousie	Marine macrophytes and the food chains based on them 3yr - 3rd Inst.	Individual	24,486	18
Mann, R.S. Chemical Eng. Ottawa	Catalytic conversion of hydrocarbons, coal and wood 3yr - 3rd Inst.	Individual	29,383	04
Manning, E.G. Computer Science Waterloo	Distributed processing 3yr - 3rd Inst.	Individual	38,688	07
Manns, J.G. Vet. Phys. Sci. Saskatchewan	Maternal recognition of pregnancy in sheep 3yr - 2nd Inst.	Individual	21,200	01
Manocha, M. Biolog. Sciences Brock	Specificity and resistance in host-parasite interactions 3yr - 2nd Inst.	Individual	26,500	03
Manohar, R.P. Mathematics Saskatchewan	Development of high order numerical methods 3yr - 2nd Inst.	Individual	2,883	16
Manoogian, A. Physics Ottawa	Electron spin resonance of paramagnetic impurity ions in solids 3yr - 3rd Inst.	Individual	20,176	15
Mansinha, L. Geophysics Western Ontario	Earth dynamics/Exploration geophysics 3yr - 1st Inst.	Individual	15,900	10
Manson, A.H. Physics Saskatchewan	Wave motions and their role in the energetics of the middle atmosphere (60-110 km) 3yr - 2nd Inst.	Individual	76,057	17
Mar, T. Biochimie Montréal	Study of the mechanism of energy trapping and storage in photosynthesis 3ans - 2e vers.	Individuelle	13,780	02
Marble, A.E. Electrical Eng. Tech. Univ. N.S.	1) Development of an adaptive differentiation algorithm for hemodynamic signals 2) Research and development lending to the design of an instrument for computing afterload 3yr - 1st Inst.	Individual	28,938	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
March, B.E. Poultry Science British Columbia	Comparative lipid metabolism and adipose tissue characteristics in genetically lean and fat chickens 3yr - 2nd Inst.	Individual	38,184	01
March, R.E. Chemistry Trent	Gaseous ion photodissociation studies 3yr - 1st Inst.	Individual	17,139	05
Marchand, P.D. Physique Laval	Configurations d'états hautement excités par impact électronique via détection de photons et de métastables 3ans - 1er vers.	Individuelle	11,893	15
Marchand, R. Electrical Eng. Alberta	Laser-plasma interactions: Numerical simulations 3yr - 1st Inst.	Univ. Research Fellow	10,600	15
Marche, C. Génie civil Ecole Polytechnique	Modélisation numérique de la contamination des ressources en eau 3ans - 1er vers.	Individuelle	22,578	06
Marchildon, L. Physique Qué.-Trois-Riv.	Tachyons dans un champ gravitationnel et permittivité dynamique critique 3ans - 3e vers.	Individuelle	4,897	15
Marcotte, O.M.C. Math/informatique Sherbrooke	Problèmes de programmation en nombres entiers qui possèdent la propriété d'arrondissement	Individuelle	5,000	07
Margaritis, A. Chem./Biochem. Eng Western Ontario	Production of specialty fermentation chemicals using immobilized cell systems 2yr - 1st Inst.	Individual	20,246	04
Margolis, B. Physics McGill	Theoretical high energy particle and nuclear physics 3yr - 1st Inst.	Individual	40,397	15
Mark, J.W. Electrical Eng. Waterloo	Data compression, signal processing and computer communication 3yr - 3rd Inst.	Individual	25,221	11
Mark, S.K. Physics McGill	* Refer to J.K.P.Lee(McGill)	Team		22
Marlborough, J.M. Astronomy Western Ontario	The kinematical and dynamical structure of circumstellar matter around hot stars 3yr - 1st Inst.	Individual	31,800	17
Marley, A.A.J. Psychology McGill	Stochastic psychophysical and decision structures 3yr - 2nd Inst.	Individual	6,678	12
Marmet, P. Physique Laval	Structure des atomes, des molécules et de dimères par impact électronique 3ans - 2e vers.	Individuelle	58,300	15

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Marmurek, H.H.C. Psychology Guelph	Identification units in visual word processing 3yr - 1st Inst.	Individual	8,056	12
Marquardt, R.R. Animal Science Manitoba	Nutritional (niacin) regulation of protein and metabolite turnover in animal (avian) tissues 3yr - 2nd Inst.	Individual	43,283	01
Marsden, D.J. Mechanical Eng. Alberta	Airfoil studies and sailplane performance 3yr - 3rd Inst.	Individual	15,916	13
Marsden, J.C. Biology McGill	Neurobiology of adult and larval polychaetes 3yr - 3rd Inst.	Individual	17,998	01
Marsh, C. Ctre.-Build. Stud. Concordia	1) Friction devices to control seismic response of building 2) Unified theory of plate buckling 3) Collapse of space trusses 3yr - 1st Inst.	Individual	25,000	06
Marshall, A.W. Statistics British Columbia	Multivariate distributions 3yr - 1st Inst.	Individual	28,500	14
Marshall, B.P. Mathematics McGill	Estimates of solutions of wave-type equations 2yr - 1st Inst.	Univ. Research Fellow	7,100	16
Marshall, G.R. Computer Science Acadia	Investigation of factors effecting the automation of systems analysis	Individual	7,420	07
Marshall, J.S. Physics/Meteorology McGill	Thunderstorm life histories by radar 3yr - 1st Inst.	Individual	2,650	17
Marshall, M.A. Mathematics Saskatchewan	Quadratic form theory 3yr - 3rd Inst.	Individual	7,958	16
Marshall, S.A. Environ. Biology Guelph	Biosystematics of the Limosininae (Diptera: Sphaeroceridae) 3yr - 1st Inst.	Individual	18,020	18
Marshall, W.D. Agric. Chem./Phys. Macdonald Coll.	Fate of environmental toxicants in biological systems	Individual	10,600	21
Marshall, W.S. Biology St. F. Xavier	Control of transport processes in epithelia 3yr - 2nd Inst.	Univ. Research Fellow	27,560	01
Marsland, T.A. Computer Science Alberta	Studies in distributed processing and computer chess 3yr - 3rd Inst.	Individual	20,813	07
Marsot, P. INRS-Océanolog. Québec - INRS	Développement et applications d'un nouveau procédé de culture d'algues à dialyse 3ans - 1er vers.	Individuelle	15,719	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Martell, D.L. Faculty of Forestry Toronto	Development of forest fire management decision-making aids 3yr - 2nd Inst.	Individual	12,720	20
Marteniuk, R.G. Kinesiolcgy Waterloo	The learning of serial order in discrete movements 3yr - 3rd Inst.	Individual	12,243	12
Martens, G.O. Electrical Eng. Manitoba	Digital signal processing and digital filters 3yr - 3rd Inst.	Individual	9,550	11
Marti, P. Civil Engineering Toronto	Reinforced concrete slabs, walls and shells 3yr - 1st Inst.	Individual	19,080	06
Martignole, J. Géologie Montréal	Recherches pétrologiques et structurales sur l'évolution de la province de Grenville	Individuelle	13,780	10
Martin, A.M. Biochemistry Memorial	Utilization of peat as fermentation substrate 3yr - 3rd Inst.	Individual	12,243	21
Martin, F. INRS - Energie Québec - INRS	* Chercheur principal H.Pépin(INRS-Québec) 3ans - 2e vers.	Equipe		15
Martin, G.M. Psychology Memorial	Associative factors in food and drug intake 3yr - 1st Inst.	Individual	9,540	12
Martin, H.R. Mechanical Eng. Waterloo	Characteristics of fluid power components and condition monitoring analysis 3yr - 1st Inst.	Individual	19,610	13
Martin, J.C. Génie industriel Ecole Polytechnique	Le transfert de technologie des grands laboratoires de recherche du secteur privé et public, (y compris universitaire), vers les PME manufacturières au Québec	Individuelle	12,190	20
Martin, J.P. Physique Montréal	* Voir D.A.Bryman(Victoria)	Projet		22
Martin, J.P. Physique Montréal	* Voir P.H.M.Depommier(Montréal)	Projet		22
Martin, J.P. Physique Montréal	* Voir P.H.M.Depommier(Montréal)	Projet		22
Martin, J.P. Physique Montréal	* Voir M.D.Hasinoff(British Columbia)	Projet		22
Martin, J.P. Physique Montréal	* Voir J.L'Ecuyer(Montréal)	Equipe		22
Martin, J.R. Mathematics Saskatchewan	Retracts and fixed point sets 3yr - 3rd Inst.	Individual	8,570	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Martin, P.G. Astronomy Toronto	Interstellar dust, gas and radiation: Local applications and global implications 3yr - 1st Inst.	Individual	45,050	17
Martin, P.W. Physics British Columbia	Perturbed angular correlation studies	Individual	13,059	15
Martin, R.F. Geological Sciences McGill	Mineralogical and geochemical adjustments during rock-fluid interaction 3yr - 2nd Inst.	Individual	29,680	10
Martini, I.P. Land Resource Sc Guelph	Quantitative studies of clastic sediments and rocks 3yr - 3rd Inst.	Individual	22,650	10
Martin-Sanchez, J.M. Chemical Eng. Alberta	Adaptive process control and computer control 3yr - 3rd Inst.	Univ. Research Fellow	12,243	04
Masliyah, J.H. Chemical Eng. Alberta	Impinging jets; Water-oil dispersion; Flow and heat transfer in coils 3yr - 1st Inst.	Individual	32,630	04
Maslowe, S.A. Mathematics McGill	Stability, nonlinear wave motion and transition of shear flows 3yr - 2nd Inst.	Individual	22,005	16
Mason, G.R. Physics Victoria	IEP-91 - Assistants Support, University of Victoria * with C.A.Beer,D.A.Bryman,A.Olin, L.P.Robertson(Victoria)	Project	138,860	22
Mason, G.R. Physics Victoria	* Refer to A.Olin(Victoria)	Project		22
Mason, G.R. Math/Statistics New Brunswick	Rings and near-rings 3yr - 3rd Inst.	Individual	3,944	16
Mason, J.L. Electrical Eng. Queen's	Signal processing - custom VLSI and auditory prosthetics 3yr - 1st Inst.	Individual	12,826	11
Mason, L.G. INRS-Télécomm. Québec - INRS	Network design and analysis	Individual	12,720	11
Mason, R.E.A. Comp. & Info. Sc. Guelph	Research in development systems for interactive software	Individual	14,435	07
Mason, S.G. Chemistry McGill	Fundamental studies in surface and dispersion chemistry * with T.G.M.Van de Ven(McGill) 3yr - 1st Inst.	Team	42,930	05
Masry, S.E. Surveying Eng New Brunswick	Digital mapping using raster data 3yr - 3rd Inst.	Individual	17,140	06

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Massam, H.M. Statistics Toronto	Nonnegative variance component estimation. The impact of conditioning on tests and confidence intervals 3yr - 1st Inst.	Individual	2,479	14
Masse, J.C. Mathématiques Laval	Processus markoviens et intégration stochastique 3ans - 2e vers.	Individuelle	2,279	14
Massé, R. INRS-Santé Québec - INRS	Analyse des produits de transformation biologique et chimique des biphényles polychlorés (BPC) et des hydrocarbures polyaromatiques (HPA) par spectrométrie de masse	Individuelle	15,900	05
Massiera, M. Génie Moncton	Comportement des digues et barrages en terre et en enrochement pendant et après construction 3ans - 2e vers.	Individuelle	12,720	06
Masson, D.R. Mathematics Toronto	The moment problem with applications to quantum mechanics 3yr - 1st Inst.	Individual	1,470	16
Masson, M.E.J. Psychology Victoria	Cognitive processes in rapid reading of text 3yr - 3rd Inst.	Individual	9,183	12
Massoud, M. Mechanical Eng. Sherbrooke	Fiabilité des signaux de bruit pour le diagnostique de l'état de la machinerie (machinery health measurements) 3yr - 3rd Inst.	Individual	13,467	13
Masui, Y. Zoology Toronto	Chromosome cycles in oocytes and early embryos 3yr - 1st Inst.	Individual	42,400	02
Mathai, A.M. Mathematics McGill	Distributions of multivariate statistics 3yr - 1st Inst.	Individual	15,033	14
Mather, A.E. Chemical Eng. Alberta	Thermodynamic properties of fluids 3yr - 2nd Inst.	Individual	19,822	04
Mather, J.A. Psychology Western Ontario	Diagram production and problem solving 2yr - 1st Inst.	Univ. Research Fellow	13,462	12
Matheson, A.T. Biochem./Microbiol. Victoria	Structure and function of ribosomes 3yr - 3rd Inst.	Individual	55,094	02
Mathewes, R.W. Biolog. Sciences Simon Fraser	Late-quaternary vegetation and environmental changes in British Columbia 3yr - 3rd Inst.	Individual	19,589	10
Mathews, J.F. Chem & Chem Eng. Saskatchewan	Lower olefins and aromatics from synthesis gas via Fischer-Tropsch-type synthesis 3yr - 3rd Inst.	Individual	12,733	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Mathews, T. Physics Calgary	Acoustic sounder studies of Chinooks 3yr - 1st Inst.	Individual	14,310	17
Mathews, W.H. Geological Sciences British Columbia	Cenozoic geology and geochronology, British Columbia 3yr - 2nd Inst.	Individual	16.960	10
Mathieu, P.A. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Mathon, R.A. Computer Science Toronto	Numerical methods for partial differential equations, combinatorial algorithms 3yr - 2nd Inst.	Individual	22,015	07
Mathur, R.M. Electrical Eng. Manitoba	Improvements in electrical power transmission systems 3yr - 1st Inst.	Individual	20,140	11
Matsumoto, H. Physics Alberta	Superconductivity and magnetism in rare earth ternary compounds 3yr - 1st Inst.	Individual	21,200	15
Matthews, D.E. Statistics Waterloo	Probabilistic problems in computer science	Individual	3,820	07
Matton, P. Biologie Sherbrooke	Détermination des critères d'atrésie folliculaire dans l'ovaire de bovin 3ans - 2e vers.	Individuelle	9,010	01
Matwin, S.J. Computer Science Ottawa	1) Studies on a fast algorithm for automated deduction in first order logic 2) Design of an interpreter for a functional programming language with graphical input	Individual	10,460	07
Matyas, E.L. Civil Engineering Waterloo	Settlement of a strip foundation on layered soils 3yr - 3rd Inst.	Individual	11,019	06
Maun, M.A. Plant Science Western Ontario	The adaptations of plants to the sand dune environment 3yr - 2nd Inst.	Individual	9,540	18
Maurer, D.J. Psychology McMaster	Visual processing in infants 3yr - 1st Inst.	Individual	36,040	12
Mavaddat, F. Computer Science Waterloo	1) A system of notations to represent information processors 2) A cluster of work stations which expands in units of PCBs	Individual	10,699	07
Mavinic, D.S. Civil Engineering British Columbia	1) Continuing studies on sludge treatment and ultimate disposal 2) Continuing studies on leachate treatability and toxicity 3yr - 1st Inst.	Individual	31,800	06

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Maxwell, G. Mathematics British Columbia	Reflection groups and their applications 3yr - 2nd Inst.	Individual	1,908	16
May, A.D. Physics Toronto	Light scattering and optical anisotropies 3yr - 2nd Inst.	Individual	45,050	15
May, S.J. Math/Statistics Memorial	Applications of catastrophe theory to dynamic bargaining 3yr - 2nd Inst.	Individual	4,240	21
Mayer, L.A. Oceanography Dalhousie	High-resolution seismic stratigraphy 2yr - 1st Inst.	Individual	14,840	10
Mayer, R.C. Génie chimique Ecole Polytechnique	* Voir D.Rouleau(Ecole Polytechnique) 3ans - 1er vers.	Equipe		04
Mayfield, C.I. Biology Waterloo	Interactions between microorganisms and terrestrial and aquatic plants 3yr - 1st Inst.	Individual	34,450	03
Maze, J.R. Botany British Columbia	Analysis of variation in natural populations of conifers 3yr - 3rd Inst.	Individual	14,692	18
McAllister, D.E. Biology Ottawa	Phenetic and cladistic analysis of the Holarctic cod genus Gadus 3yr - 2nd Inst.	Individual	9,540	18
McAndrews, J.H. Botany Toronto	Holocene palynology and sedimentation	Individual	10,600	18
McAuley, A. Chemistry Victoria	Mechanisms of inorganic reactions 3yr - 2nd Inst.	Individual	31,270	05
McBean, E.A. Civil Engineering Waterloo	Similitude criteria in the modelling of transfer mechanisms in environmental engineering 3yr - 3rd Inst.	Individual	19,589	06
McBride, B.C. Microbiology British Columbia	Accumulation of metals on bacterial cell surfaces 3yr - 1st Inst.	Individual	21,200	02
McCalla, D.R. Faculty Health Sc. McMaster	Enzymatic activation of mutagenic nitro compounds in bacteria 3yr - 2nd Inst.	Individual	34,980	02
McCalla, G.I. Computer Science Saskatchewan	Artificial intelligence approaches to computer assisted instruction and dynamic planning	Individual	9,415	07
McCamis, R.H. Physics Manitoba	Scattering of protons from light nuclei 3yr - 3rd Inst.	Univ. Research Fellow	12,243	22
McCammond, D. Mechanical Eng. Toronto	Fracture of composites and composite/metal joints 3yr - 1st Inst.	Individual	18,020	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McCandless, E.L. Biology McMaster	Studies of carrageenans in plant and animal systems	Individual	37,100	02
McCann, S.B. Geography McMaster	Morphology, sediments and dynamics of the shore zone 3yr - 2nd Inst.	Individual	31,800	10
McCarthy, D. Comp. & Info. Sc. Brock	Computational methods for combinatorial designs - improved terminal communications 3yr - 2nd Inst.	Individual	6,356	16
McCaughey, J.H. Geography Queen's	Energy and radiation balance studies 3yr - 2nd Inst.	Individual	12,720	10
McClelland, R.A. Chemistry Toronto	Intermediates of organic reactions 3yr - 1st Inst.	Individual	46,468	05
McClung, R.E.D. Chemistry Alberta	Molecular motion, chemical exchange and spectral bandshapes in liquids 3yr - 2nd Inst.	Individual	26,500	05
McClure, J.P. Mathematics Manitoba	1) Automatic continuity 2) Distributions and asymptotics 3yr - 2nd Inst.	Individual	4,236	16
McComber, P. Sc. appliquées Québec-Chicoutimi	* Chercheur principal L.C.Phan(Qué.-Chicoutimi) 3ans - 3e vers.	Equipe		11
McConkey, J.W. Physics Windsor	Investigation of electron and photon collision phenomena in atoms and molecules 3yr - 2nd Inst.	Individual	56,466	15
McConnell, J.C. Earth & Atmos. Sc. York	Modeling studies of earth and planetary atmospheres 3yr - 1st Inst.	Individual	29,680	17
McCool, J. Mathematics Toronto	The automorphism group of a free group 3yr - 3rd Inst.	Individual	5,712	16
McCormack, P.D. Psychology Carleton	Age invariance in the processing of the fundamental attributes of memory 3yr - 3rd Inst.	Individual	7,346	12
McCorquodale, J.A. Civil Engineering Windsor	Municipal and coastal hydraulics 3yr - 1st Inst.	Individual	34,420	06
McCourt, F.R.W. Chemistry Waterloo	Molecular collisions and gas phase transport-relaxation phenomena 3yr - 2nd Inst.	Individual	28,090	05
McCready, R.G.L. Biology Dalhousie	Attachment and oxidation of sulfide minerals by Thiobacillus ferrooxidans	Individual	16,960	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McCrindle, R. Chemistry Guelph	1) Chelating polydentate ligands containing the neopentyl moiety 2) Structures and reactions of their complexes 3yr - 2nd Inst.	Individual	19,080	05
McCullough, J.J. Chemistry McMaster	Mechanistic studies and synthetic applications of photochemical reactions 2yr - 1st Inst.	Individual	20,670	05
McCully, M.E. Biology Carleton	Experimental study of the developmental and functional anatomy of plant cells and tissues 3yr - 2nd Inst.	Individual	46,110	03
McCurdy, H.D. Biology Windsor	Biology of myxobacterales 3yr - 2nd Inst.	Individual	19,080	02
McCutcheon, W.H. Physics British Columbia	Millimetre wave astronomical spectroscopy 3yr - 1st Inst.	Individual	18,020	17
McDonald, D.G. Biology McMaster	Ion and acid-base regulation in fish, amphibians and marine invertebrates 2yr - 1st Inst.	Univ. Research Fellow	26,500	01
McDonald, D.R. Mathematics Ottawa	A local limit theorem / optimal filtering 3yr - 2nd Inst.	Individual	8,480	14
McDonald, J.F. Mathematics Windsor	A population-genetics model and its application to fish populations 3yr - 3rd Inst.	Individual	4,897	18
McDonald, T.W. Mechanical Eng. Windsor	Multi-phase heat transfer systems	Individual	10,600	13
McDonald, W.J. Physics Alberta	* Refer to W.C.Olsen(Alberta)	Project		22
McDonald, W.J. Physics Alberta	* Refer to C.A.Miller(Alberta)	Project		22
McDonald, W.J. Physics Alberta	* Refer to J.M.Cameron(Alberta)	Project		22
McDonald, W.J. Physics Alberta	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
McDonald, W.J. Physics Alberta	* Refer to G.Roy(Alberta)	Project		22
McDonald, W.J. Physics Alberta	* Refer to D.M.Sheppard(Alberta)	Team		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McDowell, C.A. Chemistry British Columbia	Studies in chemical physics	Individual	51,417	05
McDowell, K.P. Mathematics Wilfrid Laurier	Equational investigations of semilattices of semigroups 3yr - 3rd Inst.	Individual	1,837	16
McDunnough, P. Statistics Toronto	Transform methods in statistics and inference in time series 3yr - 3rd Inst.	Individual	6,195	14
McEachran, R.P. Physics York	Theoretical studies in atomic and molecular structure and collisions 3yr - 1st Inst.	Individual	24,889	15
McEwen, D.J. Physics Saskatchewan	Auroral particles and emissions 3yr - 2nd Inst.	Individual	48,230	17
McEwen, D.J. Physics Saskatchewan	Institute of space and atmospheric studies * with J.B.Gregory,J.A.Koehler, E.J.Llewellyn,A.H.Manson, R.Montalbetti,K.V.Paulson, G.J.Sofko(Sask.) 3yr - 3rd Inst.	Co-op	66,112	17
McFarlane, J.E. Entomology Macdonald Coll.	Physiology of growth and reproduction in the house cricket 3yr - 1st Inst.	Individual	24,241	01
McGarvey, B.R. Chemistry Windsor	ESR and NMR of transition and rare earth compounds	Individual	37,100	05
McGill, W.B. Soil Science Alberta	Mechanisms controlling soil organic matter turnover 3yr - 3rd Inst.	Individual	12,243	03
McGlinchey, M.J. Chemistry McMaster	Synthetic and structural studies on early transition metal complexes 3yr - 1st Inst.	Individual	36,577	05
McGowan, C. Zoology Toronto	Phylogenetic relationships and functional anatomy within selected vertebrate groups, Recent and fossil 3yr - 2nd Inst.	Individual	15,900	10
McGowan, J.W. Physics Western Ontario	Problems in chemical physics 3yr - 3rd Inst.	Individual	56,660	15
McGugan, A. Geology & Geophys. Calgary	1) Cretaceous micropaleontology 2) Pennsylvanian Permian stratigraphy 3) Recent foraminifera, West Coast, B.C. 3yr - 2nd Inst.	Individual	16,960	10
McHughen, A.G. Crop Science Saskatchewan	Whole plant regeneration from single cells of wheat, flax, lentils	Individual	10,600	03

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McIntosh, J.M. Chemistry Windsor	New synthetic methods 3yr - 1st Inst.	Individual	28,090	05
McIntyre, D.C. Psychology Carleton	Kindling: norepinephrine and varieties of inhibition 3yr - 1st Inst.	Individual	29,680	12
McIntyre, G. Mécanique Ecole Polytechnique	* Voir G.Drouin(Ecole Polytechnique) 3ans - 1er vers.	Equipe		13
McIntyre, N.S. Physics/Chemistry Western Ontario	Investigation of protective surface films on metals	Individual	15,550	05
McKay, J. Computer Science Concordia	Development of computational methods in abstract algebra 3yr - 2nd Inst.	Individual	25,715	16
McKee, B.T.A. Physics Queen's	Physics of new gamma ray detectors 3yr - 1st Inst.	Individual	16,695	15
McKee, J.S.C. Physics Manitoba	Proton and deuteron induced reactions, and X-ray studies. Support for Nuclear Physics Research Associate	Individual	100,700	22
McKeen, J.D. School of Business Queen's	The implementation of information systems: An organizational innovation perspective 3yr - 1st Inst.	Individual	9,010	20
McKellar, R.J. Applied Math. Waterloo	Relativistic gauge field theories 3yr - 3rd Inst.	Individual	2,039	16
McKelvie, S.J. Psychology Bishop's	Visual processes in memory 3yr - 1st Inst.	Individual	2,756	12
McKeon, D.G.C. Applied Math. Western Ontario	Investigations into unified field theories 2yr - 1st Inst.	Univ. Research Fellow	12,000	15
McKeown, B.A. Biolog. Sciences Simon Fraser	The actions and control of secretion of salmonid pituitary hormones 3yr - 3rd Inst.	Individual	29,383	01
McKercher, R.B. Soil Science Saskatchewan	Investigations on organic phosphorus in soils 3yr - 3rd Inst.	Individual	17,140	03
McKersie, B.D. Crop Science Guelph	Relationship between environmental stress and plant membranes 3yr - 2nd Inst.	Individual	21,200	02
McKinnon, D.M. Chemistry Manitoba	Studies in the synthesis an[illegible] properties of heterocyclic sulfur compounds, precursors & derivatives 3yr - 3rd Inst.	Individual	12,243	05

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McKinnon, G.M. Mechanical Eng. Concordia	Research related to cueing systems for flight simulators 3yr - 2nd Inst.	Individual	20,140	13
McLane, P.J. Electrical Eng. Queen's	Signals and systems for digital communications and radar 3yr - 2nd Inst.	Individual	28,228	11
McLaren, I.A. Biology Dalhousie	Population, Evolutionary and production ecology of copepods and seals 3yr - 2nd Inst.	Individual	33,920	18
McLaren, R.A. Astronomy Toronto	Infrared astronomy 3yr - 3rd Inst.	Individual	20,813	17
McLatchie, W. Physics Queen's	Nuclear structure studies and applied nuclear techniques * with H.C.Evans,G.T.Ewan, A.Henrikson,J.R.Leslie, J.D.MacArthur,B.C.Robertson, P.J.Scanlon(Queen's)	Team	254,400	22
McLaughlin, J.D. Surveying Eng New Brunswick	Multipurpose land information systems development 3yr - 1st Inst.	Individual	23,320	06
McLaughlin, J.D. Biology Concordia	Studies on the taxonomy, pathogenesis and transmission ecology of waterfowl helminths 3yr - 3rd Inst.	Individual	14,692	01
McLaughlin, W.A. Civil Engineering Waterloo	1) Resource allocation by time-space methods 2) Cost benefit analysis of regulation in engineering construction 3yr - 1st Inst.	Individual	16,748	06
McLean, A. Metal/Mat. Science Toronto	Physical chemistry & process metallurgy of iron and steelmaking, Ferro-alloy production and arc welding 3yr - 1st Inst.	Individual	46,004	04
McLean, D.D. Chemical Eng. Ottawa	Statistical modelling and experimental design in reaction engineering and control 3yr - 2nd Inst.	Individual	14,098	04
McLean, J.A. Forestry British Columbia	Studies of forest insects in B.C. with special reference to defining mineral profiles of insects and their application in studies of nutrition, nutrient cycling and dispersal 3yr - 3rd Inst.	Individual	14,815	01
McLean, S. Chemistry Toronto	Structural, synthetic and mechanistic studies 2yr - 1st Inst.	Individual	19,080	05
McLeish, D.L. Statistics Waterloo	Conditional expectation and Martingale methods in statistics	Individual	16,000	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McLelland, J.E. Mathematics Acadia	Quantum logic 3yr - 3rd Inst.	Individual	1,224	16
McLenaghan, R.G. Applied Math. Waterloo	General relativity and differential geometry 3yr - 2nd Inst.	Individual	9,010	15
McLeod, A.I. Stat. & Actuar. Sc Western Ontario	Time series modelling, forecasting, stochastic optimization and control with applications in hydrology 3yr - 1st Inst.	Individual	12,885	14
M'Closkey, R.T. Biology Windsor	Geographical ecology of small mammals 3yr - 3rd Inst.	Individual	24,486	18
McMahon, B.R. Biology Calgary	1) Physiological compensation to environmental stress in aquatic animals 2) Evalution of respiratory, circulatory and ionoregulatory mechanisms 3yr - 2nd Inst.	Individual	45,580	01
McMahon, T.B. Chemistry New Brunswick	Ion cyclotron resonance studies of ion molecule reactions 3yr - 1st Inst.	Individual	39,578	05
McMaster, G.E. Math/Comp Science Brandon	Algorithms for solving systems of band linear and toeplitz equation systems. The numerical solution of the poisson differential equation. Smoothing algorithms 3yr - 1st Inst.	Individual	3,488	07
McMillan, A.F. Chemical Eng. Tech. Univ. N.S.	Dispersion and kinetics of pollutants in coastal waters 3yr - 2nd Inst.	Individual	14,098	04
McMillan, D.B. Zoology Western Ontario	Studies in comparative vertebrate histology and ultrastructure	Individual	14,349	01
McMillan, I. Animal/Poultry Sc. Guelph	Effect of selection on genetic parameters 3yr - 3rd Inst.	Individual	6,122	18
McMullen, A.E. Civil Engineering Calgary	1) Torsion, shear, flexure interaction in prestressed concrete 2) Over-reinforced concrete beams in torsion 3yr - 3rd Inst.	Individual	16,529	06
McNeice, G.M. Civil Engineering Waterloo	Mechanics and materials research in orthopaedic bioengineering 3yr - 2nd Inst.	Individual	25,970	13
McNeil, J.N. Biologie Laval	A comparison of different populations of the Armyworm, Pseudaletia unipuncta (Noctuidae) 3ans - 2e vers.	Individuelle	38,160	18

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
McNeill, J. Biology Ottawa	1) Biosystematic studies on North American weeds; 2) Principles and methodologies of numerical systematics 3yr - 2nd Inst.	Individual	43,460	18
McNeill, K.G. Physics Toronto	Photodisintegration experiments	Individual	10,600	22
McNutt, R.H. Geology McMaster	Radioactive isotope studies on Precambrian rocks 3yr - 2nd Inst.	Individual	11,660	10
McPhail, J.D. Zoology British Columbia	Ecology and genetics of speciation 3yr - 1st Inst.	Individual	20,000	18
McQueen, D.J. Biology York	Lake restoration using aeration and fish stocking 3yr - 1st Inst.	Individual	43,460	18
McQueen, H.J. Mechanical Eng. Concordia	Hot working characteristics of single phase and precipitate bearing alloys 3yr - 1st Inst.	Individual	18,338	04
McQuitty, J.B. Agricult. Eng. Alberta	Microprocessor-based environmental control in animal housing 3yr - 1st Inst.	Individual	10,918	13
McVetty, P.B.E. Plant Science Manitoba	Varietal development and improvement in fababeans (Vicia faba) and soybeans (Glycine max) 3yr - 3rd Inst.	Individual	14,692	03
Meagher, E.P. Geological Sciences British Columbia	Chemical bonding and crystal chemical studies of minerals 3yr - 3rd Inst.	Individual	26,935	10
Meaney, M.J. Psychology Concordia	The comparative studies into the neuroendocrine basis of sexual differentiation 3yr - 1st Inst.	Univ. Research Fellow	14,840	12
Measday, D.F. Physics British Columbia	* Refer to M.D.Hasinoff(British Columbia)	Project		22
Measday, D.F. Physics British Columbia	IEP-9 - TINA group: Gamma Ray studies at TRIUMF * with M.D.Hasinoff,J.M.A.Poutissou, M.Salomon(British Columbia)	Project	20,800	22
Measday, D.F. Physics British Columbia	IEP-106 - Meson chemistry	Project	35,700	22
Measday, D.F. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Measures, R.M. Aerospace Studies Toronto	Study laser interactions based on resonance saturation (LIBORS) and applications 3yr - 2nd Inst.	Individual	31,100	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Meath, W.J.E. Chemistry Western Ontario	Intermolecular forces; stationary state and time-dependent properties 3yr - 3rd Inst.	Individual	37,953	05
Medioli, F.S. Geology Dalhousie	The camoebian and foraminiferal distributions in Eastern Canada. Techniques of study and applications to studies of Hplocene-Pleistocene paleoceanography and possibly biostratigraphy 3yr - 1st Inst.	Individual	16,960	10
Medley, J.B. Mechanical Eng. Waterloo	Tribology of compliant surfaces 3yr - 1st Inst.	Individual	15,688	13
Meech, J.A. Mining Eng. Queen's	Interparticular phenomena in flotation 3yr - 2nd Inst.	Individual	13,462	04
Meek, D.S. Computer Science Manitoba	The application of infinity norms of inverse matrices in the error analysis of computer algorithms 3yr - 1st Inst.	Individual	14,180	07
Meerovitch, E. Parasitology Macdonald Coll.	Experimental parasitology (amoebiasis) 3yr - 2nd Inst.	Individual	44,520	01
Megaw, W.J. Physics York	Inhibition of condensation on particles and materials 3yr - 1st Inst.	Individual	21,794	15
Mehra, M.C. Chemistry Moncton	Newer analytical reactions and reagents in trace analysis 3yr - 2nd Inst.	Individual	14,840	05
Mehrotra, A.K. Chemical/Pet. Eng. Calgary	Advanced treatment of oil sands waste water; Chlorination of coal ash for metals recovery; Properties of gas saturated Alberta bitumens 3yr - 1st Inst.	Individual	15,264	04
Meinertzhagen, I.A. Psychology Dalhousie	Neural pathways and neurogenesis in the insect nervous system 3yr - 2nd Inst.	Individual	21,624	01
Meir, A. Mathematics Alberta	Identity trees and hereditarily finite sets 3yr - 1st Inst.	Individual	18,500	16
Meisen, A. Chemical Eng. British Columbia	Sulphur coating of fertilizers, fluidized bed claus process, supercritical fluid extraction, aerosol collection 3yr - 1st Inst.	Individual	23,638	04
Mekler, A.H. Mathematics Simon Fraser	Applications of model theory and set theory to algebra 2yr - 1st Inst.	Univ. Research Fellow	10,600	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Melanson, R. Chimie Québec-Montréal	* Voir F.D.Rochon(Univ. du Qué.-Montréal) 3ans - 1er vers.	Equipe		05
Mellors, A. Chemistry Guelph	Membrane enzymes in cell activation 3yr - 3rd Inst.	Individual	24,486	02
Melzack, R. Psychology McGill	Studies of pain mechanisms 3yr - 1st Inst.	Individual	83,242	12
Menard, H. Chimie Sherbrooke	Techniques analytiques par voie electrochimique et chromatographie	Individuelle	10,600	05
Mendelsohn, E. Mathematics Toronto	Combinatorial designs and arrays 3yr - 3rd Inst.	Individual	8,570	16
Mendelsohn, N.S. Mathematics Manitoba	Algebraic and geometric combinatorics, interactive proofs using computers 3yr - 1st Inst.	Individual	24,498	16
Mendelson, M.J. Psychology McGill	Event perception in infancy 3yr - 2nd Inst.	Individual	13,780	12
Mendelzon, A.O. Computer Science Toronto	Relational database theory and applications	Individual	16,653	07
Mendes de Sousa, A.C. Mechanical Eng. New Brunswick	Numerical and experimental studies of thermal buoyancy effects in fluids 3yr - 2nd Inst.	Individual	13,642	13
Meneley, D.A. Eng. Physics McMaster	1) Development of fast neutron dosimeters 2) Process simulation by microcomputer networks 3) Optimization of fuel mgmt. strategies 4) Refinement of neutron dynamics method 3yr - 3rd Inst.	Individual	9,060	04
Meng, C.H. Forestry Eng. New Brunswick	Methods for predicting logging machine productivity 3yr - 3rd Inst.	Individual	12,243	20
Menig-Peterson, C. Psychology Memorial	Children's development of the linguistic representation of causal and temporal relationships 3yr - 3rd Inst.	Individual	13,467	12
Menipaz, E. School of Business Carleton	Manufacturing assurance systems: operating policies 3yr - 2nd Inst.	Individual	33,920	20
Menon, T.K. Geophys./Astron. British Columbia	Structure and evolution of radio sources 3yr - 1st Inst.	Individual	13,250	17
Menzefricke, U. Fac. of Management Toronto	Decision theoretic approach to problems of screening for acceptable product 3yr - 2nd Inst.	Individual	4,558	14

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Menzies, J. Geography Brock	Subglacial sedimentological environments	Individual	9,540	10
Menzies, R.W. Electrical Eng. Manitoba	1) Forced commutated HVDC terminals and taps 2) Energy efficient drives 3yr - 1st Inst.	Individual	13,674	11
Menzinger, M. Chemistry Toronto	1) Dynamics of electronic multichannel reactions 2) Dynamics of liquid/gas interfaces 3yr - 1st Inst.	Individual	23,678	05
Merali, Z. Psychology Ottawa	Effects of bombesin on learning and memory 3yr - 1st Inst.	Individual	10,070	12
Mercadier, Y. Génie mécanique Sherbrooke	Ecoulements diphasiques dans les thermopompes à éjecteur 3ans - 1er vers.	Individuelle	13,038	13
Mercer, A.M. Math/Statistics Guelph	Biorthogonal expansions and numerical analysis 3yr - 1st Inst.	Individual	8,819	16
Mercier, A. Sciences pures Québec-Chicoutimi	Etude de fonctions arithmétiques 3ans - 2e vers.	Individuelle	2,883	16
Merer, A.J. Chemistry British Columbia	Very high resolution molecular electronic spectroscopy 3yr - 2nd Inst.	Individual	49,290	05
Mereu, R.F. Geophysics Western Ontario	Deep and shallow seismic sounding research 3yr - 3rd Inst.	Individual	41,626	10
Merikle, P.M. Psychology Waterloo	Studies of visual information processing 3yr - 1st Inst.	Individual	25,440	12
Mermelstein, P. INRS-Télécomm. Québec - INRS	Processing quantization noise in speech coding 3yr - 2nd Inst.	Individual	18,868	11
Mermut, A.R. Soil Science Saskatchewan	Genesis, micromorphology and mineralogy of heavy clay soils with vertic properties in Saskatchewan 3yr - 1st Inst.	Individual	15,370	03
Merrett, T.H. Computer Science McGill	Data structures and algebraic operations on nonformatted data: extensions of relational databases 3yr - 1st Inst.	Individual	16,841	07
Methot, J.C. Génie chimique Laval	Simulation mathématique des conditions de ventilation en usine 3ans - 3e vers.	Individuelle	9,673	04
Mettrick, D.F. Zoology Toronto	Experimental parasitology - physiology, biochemistry, and ecology 3yr - 2nd Inst.	Individual	68,900	01

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Meubus, P.A.L. Sc. appliquées Québec-Chicoutimi	Réactions gaz-solides à haute température. Diagnostics en plasmas et décharges d'arc. Applications 3ans - 1er vers.	Individuelle	21,200	04
Mewhort, D.J.K. Psychology Queen's	Studies in visual information processing 3yr - 2nd Inst.	Individual	22,260	12
Meyer, J. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 3rd Inst.	Team		15
Meyerhof, G.G. Civil Engineering Tech. Univ. N.S.	Bearing capacity of piles under eccentric and inclined loads in layered soils 3yr - 2nd Inst.	Individual	42,400	06
Mezey, P.G. Chemistry Saskatchewan	Quantum chemical studies on conformational changes and chemical reactions 3yr - 2nd Inst.	Individual	31,270	05
Miall, A.D. Geology Toronto	Analysis of fluvial depositional systems 3yr - 2nd Inst.	Individual	21,200	10
Miceli, D. Psychologie Qué.-Trois-Riv.	Les substrats neuroanatomiques impliqués dans la transfert interhémisphérique des informations visuelles 3ans - 3e vers.	Individuelle	13,467	12
Micetich, R.G. Pharm./Pharmac. Sc Alberta	The chemistry of lithiated heterocyclic compounds	Individual	15,900	05
Michaud, G.J. Physique Montréal	Abondance et origine des éléments 3ans - 2e vers.	Individuelle	53,530	17
Michel, B. Génie civil Laval	Mécanique et dynamique des glaces 3ans - 1er vers.	Individuelle	57,240	06
Michel, F.A. Geology Carleton	Isotope investigations of northern groundwaters, permafrost and related phenomena	Individual	16,960	10
Michener, G.R. Biolog. Sciences Lethbridge	Mating system and social organization of Richardson's ground squirrels 2yr - 1st Inst.	Univ. Research Fellow	15,900	18
Micko, M.M. Agricult. Eng. Alberta	Assessment of wood quality in genetic tree improvement program; from variation to tree selection 3yr - 2nd Inst.	Individual	11,660	03
Middleton, A.G. Computer Science Memorial	Higher level programming languages 3yr - 1st Inst.	Individual	11,748	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Middleton, A.L.A. Zoology Guelph	Population studies of the American Goldfinch and other passerine species 3yr - 1st Inst.	Individual	19,080	18
Middleton, G.V. Geology McMaster	Field and experimental studies of clastic sediments 3yr - 2nd Inst.	Individual	34,450	10
Midgley, G.C. Psychology Mount Allison	The Rodents' Visual System: A comparative and developmental analysis 3yr - 1st Inst.	Individual	10,600	12
Miers, C.R. Mathematics Victoria	Fixed rings of Lie automorphisms 3yr - 2nd Inst.	Individual	4,236	16
Migneron, J.G. Ctr rech amé./dév. Laval	Travaux de recherche sur l'impact acoustique des autoroutes en secteur résidentiel 3ans - 2e vers.	Individuelle	14,469	13
Migneron, R. Applied Math. Western Ontario	Studies in 1) Hadronization at low transverse momentum; 2) Perturbative quantum chromodynamics; 3) Grand unified theories 3yr - 3rd Inst.	Individual	3,673	15
Mihichuk, L.M. Chemistry Regina	Electrochemical and crystallographic studies of cobaloximes 2yr - 1st Inst.	Individual	7,950	05
Miketinac, M.J. Mathematics Saskatchewan	Numerical solution of some free boundary problems 3yr - 3rd Inst.	Individual	3,333	16
Mikhlin, J. Chemical Eng. McGill	Axial filtration and rotating dynamic membranes 3yr - 3rd Inst.	Individual	12,733	04
Mikulcik, E.C. Mechanical Eng. Calgary	Articulated vehicle dynamics and control 3yr - 3rd Inst.	Individual	14,692	13
Milgram, N.W. Psychology Toronto	Function of CNS potentiation effects 3yr - 1st Inst.	Individual	11,130	12
Mili, A. Informatique Laval	La conception de programmes: Approches fondamentales et appliquées	Individuelle	10,600	07
Miliaressis, T.E. Psychologie Ottawa	Substrats anatomiques de l'autostimulation intracerebrale 3ans - 1er vers.	Individuelle	17,914	12
Millar, J.S. Zoology Western Ontario	Ecological strategies of mammals in seasonal environments 3yr - 3rd Inst.	Individual	30,608	18
Millar, R.F. Mathematics Alberta	Singularities of solutions to problems for analytic elliptic equations 3yr - 2nd Inst.	Individual	3,180	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Miller, C.A. Physics Alberta	IEP-108 - Proton inelastic scattering * with R.Abegg, J.M.Cameron,P.Kitching, W.J.McDonald,W.C.Olsen, G.Roy(Alberta)	Project	19,940	22
Miller, C.A. Physics Alberta	* Refer to J.M.Cameron(Alberta)	Project		22
Miller, C.A. Physics Alberta	* Refer to R.Abegg(Alberta)	Project		22
Miller, C.A. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22
Miller, C.A. Physics Alberta	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
Miller, C.A. Physics Alberta	* Refer to G.Roy(Alberta)	Project		22
Miller, C.L. Psychology Western Ontario	The developmental course of voice perception in infancy 3yr - 3rd Inst.	Individual	11,019	12
Miller, D.M. Computer Science Manitoba	Spectral techniques for fault diagnosis of combinational networks 3yr - 1st Inst.	Individual	11,004	07
Miller, E.H. Biology Victoria	Comparative studies on communication in the Otariidae (Pinnipedia) 3yr - 3rd Inst.	Individual	8,570	18
Miller, E.J. Civil Engineering Toronto	Modelling multistop, multipurpose, non-work tripmaking 3yr - 1st Inst.	Individual	13,780	06
Miller, H.G. Earth Sciences Memorial	Geophysical investigations of Newfoundland geology - onshore and offshore	Individual	9,540	10
Miller, J.J. Biology McMaster	The physiology of yeast sporogenesis and the properties of the yeast spore 2yr - 2nd Inst.	Individual	10,600	02
Miller, J.M. Chemistry Brock	1) Mass spectrometry; organometallic, coordination and bioinorganic compounds and applications 2) Strong hydrogen bonding 3) Complex and adduct formation 3yr - 1st Inst.	Individual	27,030	05
Miller, J.R. Physics York	Studies in remote sensing and atmospheric optics 3yr - 2nd Inst.	Individual	19,080	17

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Miller, M.H. Land Resource Sc Guelph	1) Reactions at the soil-root interface 2) Soil physical factors and root growth 3yr - 1st Inst.	Individual	33,113	03
Miller, R.B. Pathology Guelph	The transfer of immunoglobulins in association with placental pathology in cattle and sheep 3yr - 2nd Inst.	Individual	10,600	01
Miller, R.C. Microbiology British Columbia	Replication of T-phage 3yr - 3rd Inst.	Individual	42,851	02
Miller, W.A. Metal/Mat. Science Toronto	Influence of interfaces on the properties of materials 3yr - 1st Inst.	Individual	21,730	04
Miller, W.C. Electrical Eng. Windsor	* Principal investigator G.A.Jullien(Windsor) 3yr - 3rd Inst.	Team		11
Milligan, L.P. Animal Science Alberta	Animal metabolism studies 3yr - 1st Inst.	Individual	52,590	01
Millman, B.M. Physics Guelph	X-ray diffraction studies on muscle and biological gels 3yr - 2nd Inst.	Individual	30,740	02
Mills, E.L. Oceanography Dalhousie	Transport of organic matter in estuarine carbon cycling and production * with B.T.Hargrave(Dalhousie) 3yr - 1st Inst.	Team	37,100	18
Mills, R.H. Civil Engineering Toronto	Physical characteristics of cements made with waste materials and subjected to carbonation 3yr - 3rd Inst.	Individual	17,753	06
Millson, J.J. Mathematics Toronto	Geodesic cycles and the Weil prepresentation 3yr - 2nd Inst.	Individual	10,600	16
Milman, P. Mathematics Toronto	Hilbert-Samuel function of a subanalytic set and composite differentiable functions 2yr - 1st Inst.	Univ. Research Fellow	10,000	16
Milne, C.P. Environ. Biology Guelph	Laboratory measurement of honey bee brood disease resistance 3yr - 2nd Inst.	Individual	5,830	01
Milne, J.B. Chemistry Ottawa	Low valence state chalcogen chemistry	Individual	6,360	05
Milner, E.C. Math/Statistics Calgary	Combinatorial set theory 3yr - 2nd Inst.	Individual	24,061	16
Milner, M. Bio-Med Eng. Toronto	Interfaces, control and communication systems for the severely disabled 3yr - 2nd Inst.	Individual	20,140	11

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Milner, P.M. Psychology McGill	Physiological study of learning and motivation 3yr - 3rd Inst.	Individual	47,136	12
Milnes, P. Mathematics Western Ontario	Topological groups and semigroups and their associated function and operator algebras 3yr - 1st Inst.	Individual	11,759	16
Milone, E.F. Physics Calgary	Variability in interacting binaries and other astronomical sources - and other astronomical phenomena 3yr - 3rd Inst.	Individual	12,243	17
Milsom, W.K. Zoology British Columbia	Control of breathing in vertebrates	Individual	18,780	01
Miltenburg, G.J. Prod./Manage. Sci. McMaster	Probabilistic co-ordinated control inventory models 3yr - 1st Inst.	Individual	8,063	20
Mindess, S. Civil Engineering British Columbia	Fracture and interfacial phenomena in concrete 3yr - 1st Inst.	Individual	29,680	06
Mingarelli, A.B. Mathematics Ottawa	Spectral theory and oscillation theory 3yr - 3rd Inst.	Univ. Research Fellow	8,973	16
Mioduchowski, A. Mechanical Eng. Alberta	Vibrations of elastic elements and media 3yr - 3rd Inst.	Individual	15,304	13
Mirza, F.A. Civ Eng/Eng Mech McMaster	Development and applications of finite element method 3yr - 2nd Inst.	Individual	15,900	06
Mirza, S. Mechanical Eng. Ottawa	1) Stresses in reactor pressure vessels with attachments 2) Vibrations of plates and shells 3yr - 2nd Inst.	Individual	16,112	13
Mirza, S. Civ Eng/App Mech McGill	Study of behaviour of structural concrete subsystems subjected to static and dynamic loads using physical (direct) and computer (finite element) models 3yr - 1st Inst.	Individual	28,620	06
Mirza, S.A. Civil Engineering Lakehead	A study of strength reliability of reinforced concrete slender columns 3yr - 2nd Inst.	Individual	12,720	06
Mirzaian, A. Computer Science York	VLSI software and layout algorithms. Computer communication network design	Individual	8,369	07
Misra, A.K. Mechanical Eng. McGill	Structural dynamics and control in space and fluid environments 3yr - 1st Inst.	Individual	14,204	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Misra, S.K. Physics Concordia	EPR and endor investigations of paramagnetic ions doping single crystals	Individual	19,557	15
Mitalas, R. Astronomy Western Ontario	Stellar structure and evolution; Astrophysics 3yr - 1st Inst.	Individual	10,600	17
Mitchell, A. Metallurgical Eng. British Columbia	High temperature electrometallurgy 3yr - 3rd Inst.	Individual	43,340	04
Mitchell, B.K. Entomology Alberta	Studies on insect chemoreception 3yr - 2nd Inst.	Individual	20,670	01
Mitchell, D. Civil Engineering McGill	Serviceability and detailing of concrete structures 3yr - 2nd Inst.	Individual	25,440	06
Mitchell, D.E. Psychology Dalhousie	Experiments in visual perception 3yr - 1st Inst.	Individual	59,678	12
Mitchell, G.F. Astronomy Saint Mary's	1) Chemical evolution of interstellar clouds 2) Structure of cometary comae 3yr - 1st Inst.	Individual	15,900	17
Mitchell, K.A.R. Chemistry British Columbia	Structure of molecules on solid surfaces 3yr - 1st Inst.	Individual	36,422	05
Mitchell, R.H. Chemistry Victoria	Probing novel aromatic hydrocarbons 3yr - 1st Inst.	Individual	39,399	05
Mitchell, R.H. Geology Lakehead	Petrology and geochemistry of kimberlites and alkaline rocks 3yr - 1st Inst.	Individual	34,980	10
Mitchell, R.J. Civil Engineering Queen's	Model studies on earth structures 3yr - 1st Inst.	Individual	29,150	06
Mittal, G.S. Engineering Guelph	Moisture mobility, product quality and functionality of meat emulsions due to binders, extenders and meats * with W.R.Usborne(Guelph) 3yr - 1st Inst.	Team	21,200	03
Mitterer, J.O. Psychology Brock	Flexibility and developmental reading disability 3yr - 2nd Inst.	Individual	10,600	12
Miura, R.M. Mathematics British Columbia	Wave propagation in nonlinear diffusion systems and applications 3yr - 3rd Inst.	Individual	22,715	16
Mladenov, P.V. Biology Mount Allison	A comparative study of reproduction and development in Caribbean stalked and unstalked crinoids 3yr - 3rd Inst.	Individual	11,019	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Mochnacki, S.W. Astronomy Toronto	Observational study of the evolution of close binary stars	Individual	11,660	17
Modi, V.J. Mechanical Eng. British Columbia	Studies in structural dynamics, fluid mechanics and bioengineering 3yr - 1st Inst.	Individual	42,400	13
Moens, P.B. Biology York	Development and differentiation of reproductive cells 3yr - 2nd Inst.	Individual	49,820	02
Moeser, S.D. Psychology Memorial	Relationship among accuracy, completeness and confidence of eyewitness reports 3yr - 2nd Inst.	Individual	16,430	12
Moffat, A.F.J. Physique Montréal	Les étoiles massives et la structure de la galaxie 3ans - 3e vers.	Individuelle	30,608	17
Moffat, J.B. Chemistry Waterloo	1) Surface and catalytic properties of acidic solids; 2) Properties and reactions of organic molecules containing the cyano or isocyano group 3yr - 1st Inst.	Individual	36,398	05
Moffat, J.W. Physics Toronto	Unified Gauge theory and gravitation	Individual	42,517	15
Moffitt, A.R. Psychology Carleton	EEG correlates of sleep mentation * with R.Hoffmann, R.B.Wells(Carleton) 3yr - 1st Inst.	Team	11,342	12
Mogenson, G.J. Psychology Western Ontario	Neural mechanisms of behavior 3yr - 3rd Inst.	Individual	57,542	12
Mohanty, S.G. Mathematical Sci. McMaster	Combinatorics and its application in probability and statistics 3yr - 1st Inst.	Individual	15,033	14
Mohaupt, U.H. Mechanical Eng. Waterloo	Wear and leakage behaviour of seals and fracture mechanics related to high pressure vessels 3yr - 1st Inst.	Individual	13,674	13
Moisan, M. Physique Montréal	Proprietes et applications des plasmas produits par des ondes de surface electromagnetiques 3ans - 1er vers.	Individuelle	23,914	15
Molle, M.L. Computer Science Toronto	Performance evaluation of multiple access protocols	Individual	16,946	07
Mollin, R.A. Mathematics Calgary	Class-field theory as a tool for investigating algebraic structures 3yr - 1st Inst.	Individual	6,940	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Molotchnikoff, S. Sciences biolog. Montréal	Etude neurophysiologique comparée des voies et des centres visuels chez les vertébrés (lapins et rats) 3ans - 3e vers.	Individuelle	17,753	01
Mommsen, T.P. Biology Dalhousie	Gluconeogenesis and the partitioning of carbon in fish tissues, particularly in liver 3yr - 2nd Inst.	Individual	20,140	02
Momot, W.T. Biology Lakehead	The biology of exploited stocks: 1) Production response of crayfish to long term exploitation 2) Response of forage fish to selected removal of walleye, Stizostedion v. vitreum 3yr - 3rd Inst.	Individual	15,916	18
Monaro, S. Physique Montréal	Nuclear structure studies. X-ray techniques applied to environmental and medical work * avec W.Del Bianco(Montréal)	Equipe	63,600	22
Monette, G.A. Statistics York	Structural inference for mixed model designs 3yr - 2nd Inst.	Individual	3,498	14
Money, T. Chemistry British Columbia	Terpenoid and polyketide synthesis and biosynthesis	Individual	31,800	05
Monforton, G.R. Civil Engineering Windsor	Linear and nonlinear analysis of structural systems 3yr - 2nd Inst.	Individual	16,960	06
Monson, B.R. Math/Statistics New Brunswick	Applications of geometry to combinatorics 3yr - 1st Inst.	Individual	2,980	16
Montevecchi, W.A. Psychology Memorial	Parental care and development of marine birds 3yr - 3rd Inst.	Individual	17,753	12
Montgomerie, R.D. Biology Queen's	Tactics of reproduction in High Arctic birds 2yr - 1st Inst.	Univ. Research Fellow	23,320	18
Montgomery, W.D. Math/Statistics Regina	Applications of functional analytic methods to diffraction and optical engineering problems 3yr - 2nd Inst.	Individual	5,648	16
Montreuil, B. Ingénierie Qué.-Trois-Riv.	Conception intégrée du système de manutention et de l'aménagement d'installations industrielles 3ans - 1er vers.	Individuelle	11,660	20
Moodie, G.E.E. Biology Winnipeg	Studies on the ecology of the brook stickleback, Culaea inconstans 3yr - 2nd Inst.	Individual	7,282	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Moodie, T.B. Mathematics Alberta	Mathematical analysis attendant to problems in bioengineering, nonlinear waves, and dynamic fracture 3yr - 2nd Inst.	Individual	13,415	16
Moody, R.V. Mathematics Saskatchewan	Lie theory 3yr - 3rd Inst.	Individual	14,855	16
Moon, J.W. Mathematics Alberta	Research in graph theory 3yr - 3rd Inst.	Individual	1,347	16
Moon, T.W. Biology Ottawa	Fish metabolism and food-deprivation: The role of protein and fat 3yr - 2nd Inst.	Individual	41,870	01
Moon, W. Earth Sciences Manitoba	Theoretical geodynamics and seismology research 3yr - 1st Inst.	Individual	23,320	10
Moorcroft, D.R. Physics Western Ontario	Studies of ionospheric structure 3yr - 1st Inst.	Individual	15,500	17
Moore, E. Engineering Memorial	Solution of differential equations in water surge 3yr - 2nd Inst.	Individual	2,883	16
Moore, G.H. Philosophy Toronto	Mathematical communications barriers: The example of "Forcing" 3yr - 3rd Inst.	Univ. Research Fellow	3,673	16
Moore, J.A. Physics Brock	Atomic collisions in solids 3yr - 1st Inst.	Individual	5,830	15
Moore, J.M. Geology Carleton	Evolution of the Grenvillian Orogen in Ontario	Individual	3,180	10
Moore, M. Mathématiques appl. Ecole Polytechnique	Analyse statistique de l'interaction spatiale 3ans - 3e vers.	Individuelle	6,428	14
Moore, R.A. Physics Waterloo	Relativistic effects in systems and properties of alloys 3yr - 1st Inst.	Individual	11,904	15
Moore, R.B. Physics McGill	* Refer to J.K.P.Lee(McGill)	Team		22
Moore, R.G. Chemical/Pet. Eng. Calgary	Permeability reduction associated with the flow of bitumen in a porous media 3yr - 3rd Inst.	Individual	12,733	04
Moore, R.M. Oceanography Dalhousie	Trace element scavenging studies 3yr - 1st Inst.	Individual	19,080	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Moore, T.R. Geography McGill	The biogeochemistry of northern peatlands 3yr - 2nd Inst.	Individual	15,900	10
Moorhead, J.M. Astronomy Western Ontario	Fourier spectroscopy of gaseous nebulae 3yr - 3rd Inst.	Individual	4,897	17
Moo-Young, M. Chemical Eng. Waterloo	Multiphase reactor design and biomass bioconversion process development 3yr - 2nd Inst.	Individual	47,912	04
Moo-Young, M. Chemical Eng. Waterloo	Conversion of cellulosic materials into animal feed by semi-solid fermentation * with C.W.Robinson(Waterloo)	Co-op	10,180	21
Morales, P.A. Math/informatique Sherbrooke	Mesures cylindriques et integration sur les espaces fonctionnels 3ans - 1er vers.	Individuelle	5,880	16
Moran, G.A. Psychology Western Ontario	Studies of the social behaviour of two species of carnivore 3yr - 2nd Inst.	Individual	12,720	12
Morand, P. Chemistry Ottawa	Synthetic and mechanistic studies in organic and biochemical reactions 2yr - 1st Inst.	Individual	12,720	05
Moray, N. Industrial Eng. Toronto	A quantitative model of human monitoring behaviour 3yr - 1st Inst.	Individual	23,320	20
Morgan, A.V. Earth Sciences Waterloo	Paleoecology, zoogeography and paleontology of quaternary insects * with M.A.Morgan(Waterloo) 2yr - 1st Inst.	Team	32,860	10
Morgan, C. Geography Guelph	Spatial and temporal variations of rainfall characteristics	Individual	6,360	10
Morgan, C.C. Mathematics Memorial	The group of principal bundle automorphisms 3yr - 2nd Inst.	Individual	1,942	16
Morgan, F.J. Physics York	Laser photophysics and spectroscopy of atoms/molecules 3yr - 3rd Inst.	Individual	7,028	15
Morgan, K. Genetics Alberta	The effects of population structure on associations between alleles at selectively neutral loci 3yr - 3rd Inst.	Individual	19,589	18
Morgenstern, E.K. Forest Resources New Brunswick	Clonal selection and propagation of Larix laricina 3yr - 1st Inst.	Individual	10,600	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Morgenstern, N.R. Civil Engineering Alberta	Geotechnical behaviour of permafrost, oil sands, and other natural materials 3yr - 3rd Inst.	Individual	63,664	10
Morgera, S.D. Electrical Eng. Concordia	1) Linear error-correcting codes: A computational complexity approach 2) Spatial-temporal structure in three-dimensional image processing 3yr - 1st Inst.	Individual	50,244	11
Morin, D.R. Aménagement Sherbrooke	Développement d'une méthodologie de détection de l'évolution urbaine par satellite * avec R.Brochu(Sherbrooke) 3ans - 1er vers.	Equipe	23,320	06
Morin, G. INRS-Eau Québec - INRS	Modèle déterministe quantité-qualité 3ans - 1er vers.	Individuelle	14,840	06
Morisset, J.A. Biologie Sherbrooke	Mécanismes de contrôle de la croissance des organes du tube digestif chez le rat en bas âge et chez l'adulte 3ans - 1er vers.	Individuelle	53,000	01
Morisset, P. Biologie Laval	La diversité floristique dans un archipel arctique: une étude de biogéographie insulaire	Individuelle	4,240	18
Morissette, S. Génie électrique Sherbrooke	Digitalisation de modems: Compander syllabique 3ans - 2e vers.	Individuelle	30,193	11
Morosoli, R. Bactériologie Québec - IAF	Etudes des gènes du complexe Xylanasique chez les eucaryotes 3ans - 1er vers.	Individuelle	19,080	02
Morrall, J.F. Civil Engineering Calgary	Two-lane rural highway quality of service 3yr - 1st Inst.	Individual	17,490	06
Morrall, R.A.A. Biology Saskatchewan	Epidemiology and control of Sclerotinia sclerotiorum	Individual	15,560	03
Morris, C.E. Biology Ottawa	The action of toxic hydrophobic compounds on an integral membrane protein: a single channel study 3yr - 2nd Inst.	Individual	16,960	02
Morris, D.R. Chemical Eng. New Brunswick	Development of solid electrolytes 3yr - 3rd Inst.	Individual	12,733	04
Morris, D.W. Biology Memorial	Empirical models of community organization of temperate zone rodents 3yr - 1st Inst.	Individual	15,900	18
Morris, G.A. Civil Engineering Manitoba	Behavior of cropped-web steel truss joints * with R.B.Pinkney(Manitoba) 3yr - 1st Inst.	Team	13,780	06

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Morris, G.K. Zoology Toronto	Studies of sound communication in insecta, especially orthoptera 3yr - 3rd Inst.	Individual	19,344	01
Morris, J.L. Computer Science Waterloo	Numerical solution of nonlinear evolutionary partial differential equations 3yr - 2nd Inst.	Individual	19,895	07
Morris, J.W. Civil Engineering Manitoba	Impact of varying degrees of expansion on the anaerobic attached film expanded bed process	Individual	14,217	06
Morris, L.R. Sys. & Comp. Eng. Carleton	Real-time signal processing - hardware and software	Individual	8,586	11
Morris, R.D. Biolog. Sciences Brock	Mate choice criteria and parental care behaviours in terns and gulls 3yr - 2nd Inst.	Individual	23,320	18
Morris, R.H. Chemistry Toronto	New dinitrogen complexes of molybdenum and iron	Individual	19,080	05
Morris, T.F. Physics McGill	Nonlinear field theories of elementary particles 3yr - 3rd Inst.	Individual	4,286	15
Morrish, A.H. Physics Manitoba	Surface and glass magnetism 3yr - 1st Inst.	Individual	95,400	15
Morrison, F.J. Family Studies Alberta	Cognitive processes and reading disability: A reconceptualization 3yr - 2nd Inst.	Individual	16,960	12
Morrison, I.L. Mathematics Toronto	Moduli problems in algebraic geometry	Univ. Research Fellow	1,774	16
Morrison, I.N. Plant Science Manitoba	Phenological responses of green foxtail to water deficits 3yr - 1st Inst.	Individual	15,900	03
Morrison, J.A. Chemistry McMaster	Studies in solid state chemistry and physics 2yr - 1st Inst.	Individual	44,520	05
Morrison, J.B. Kinesiology Simon Fraser	1) Control of thermogenesis in humans 2) Physiological acceptance criteria for mixed gas underwater breathing apparatus 3yr - 2nd Inst.	Individual	12,720	01
Morrison, P.E. Biology Waterloo	The physiology of insect reproduction 3yr - 3rd Inst.	Individual	15,916	01
Morrison, S.R. Physics Simon Fraser	The electrical properties of grain boundaries in silicon 3yr - 2nd Inst.	Individual	40,280	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Morrow, B.A. Chemistry Ottawa	Studies in surface chemistry and spectroscopy 2yr - 1st Inst.	Individual	15,900	05
Mortimer, B. Math/Statistics Carleton	1) Error correcting codes for Broadcast Teletext Systems 2) Computers and the disabled 2yr - 1st Inst.	Univ. Research Fellow	10,000	16
Morton, J.K. Biology Waterloo	Biosystematic & biogeographic studies on the North American & African floras 3yr - 2nd Inst.	Individual	19,610	18
Morton, R.A. Biology McMaster	Acetylcholinesterase and organophosphate-resistance in Drosophila 3yr - 3rd Inst.	Individual	14,692	02
Moscovitch, M. Psychology Toronto	Hemispheric asymmetries and cerebral organization in normal people 3yr - 1st Inst.	Individual	34,980	12
Moser, W.O.J. Mathematics McGill	Problems in combinatorics and discrete geometry 3yr - 3rd Inst.	Individual	4,283	16
Moskovits, M. Chemistry Toronto	Research in surface chemistry and catalysis 3yr - 2nd Inst.	Individual	39,750	05
Moss, G.A. Physics Alberta	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
Moss, G.A. Physics Alberta	* Refer to W.C.Olsen(Alberta)	Project		22
Moss, G.A. Physics Alberta	* Refer to D.A.Hutcheon(Alberta)	Project		22
Moss, G.A. Physics Alberta	* Refer to G.Roy(Alberta)	Project		22
Moss, G.A. Physics Alberta	* Refer to R.Abegg(Alberta)	Project		22
Mossman, D.J. Geology Mount Allison	Petrology, mineralogy and geochemistry of ore deposits 2yr - 1st Inst.	Individual	8,480	10
Mothersill, J.S. Geology Lakehead	Paleomagnetic studies of late Quaternary lacustrine and marine sedimentary sequences 3yr - 2nd Inst.	Individual	9,540	10
Mouftah, H.T. Electrical Eng. Queen's	1) Design innovations in computer communications 2) Multiple-valued logic design and implementation 3yr - 1st Inst.	Individual	17,490	11

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Moule, D.C. Chemistry Brock	Molecular electronic spectroscopy 3yr - 1st Inst.	Individual	23,499	05
Moulin, B. Informatique Laval	Modelisation des systèmes d'information dans les organisations centralisées ou répartiés	Individuelle	12,117	07
Mountjoy, E.W. Geological Sciences McGill	Carbonate sedimentation and diagenesis Paleozoic and Holocene reefs and platform margins 3yr - 2nd Inst.	Individual	31,800	10
Mousa, G.Y. Optometry Waterloo	UV-induced changes in lens and cornea	Individual	10,600	01
Mowat, D.N. Animal/Poultry Sc. Guelph	Nutritive value of corn silage fractions 3yr - 1st Inst.	Individual	12,849	01
Mrosovsky, N. Psychology Toronto	Body weight, biological rhythms and behaviour 3yr - 2nd Inst.	Individual	51,410	12
Mucci, A. Océanographie Québec-Rimouski	Quantitative influence of phosphate on calcite precipitation from seawater 2ans - 1er vers.	Individuelle	13,780	10
Mucciardi, F.A. Mining/Metal. Eng. McGill	Injection techniques for the refining of pig iron and steel. 3yr - 1st Inst.	Univ. Research Fellow	15,158	04
Muecke, G.K. Geology Dalhousie	Geochemical and isotopic studies on metamorphic and igneous rocks, minerals and ores with special emphasis on the evolution of the meguma zone, N.S. and eastern Canadian continental margin 3yr - 1st Inst.	Individual	15,900	10
Muehlenbachs, K. Geology Alberta	Stable isotope exchange studies and their application to geological problems 3yr - 3rd Inst.	Individual	20,813	10
Mueller, B.J. Mathematical Sci. McMaster	Noetherian rings; (quasi-) continuous modules 3yr - 1st Inst.	Individual	24,498	16
Mueller, G.S. Chemical Eng. Waterloo	Studies in multivariable and computer control systems design	Individual	14,840	04
Mufti, A.A. Computing Services Tech. Univ. N.S.	1) FE analysis of RC structures 2) Distributed processing in the finite element analysis 3yr - 3rd Inst.	Individual	12,243	06
Muggeridge, D.B. Engineering Memorial	Response of offshore structures to waves and ice 3yr - 1st Inst.	Individual	18,444	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Muir, D.W. Psychology Queen's	* Principal investigator P.C.Dodwell(Queen's) 3yr - 2nd Inst.	Team		12
Muir, W.B. Physics McGill	Electron transport and magnetic effects in amorphous and crystalline metals and alloys 3yr - 1st Inst.	Individual	23,988	15
Muir, W.E. Agricul. Eng. Manitoba	Grain storage systems 3yr - 3rd Inst.	Individual	22,037	21
Mujumdar, A.S. Chemical Eng. McGill	Experimental and computational studies in single phase and particulate systems 3yr - 1st Inst.	Individual	17,808	04
Mukhedkar, D. Génie électrique Ecole Polytechnique	1) Mise à la terre 2) Gestion et stockage d'énergie 3ans - 2e vers.	Individuelle	21,677	11
Mular, A.L. Min./Min. Proc. British Columbia	Optimization of mineral processes 3yr - 3rd Inst.	Individual	12,733	04
Muldner, T. Computer Science Acadia	PROGRAPH: A functional programming language with graphical input: Study of parallel computations and their synchronization	Individual	12,553	07
Muldoon, M.E. Mathematics York	Special functions, ordinary differential equations and functional equations 3yr - 3rd Inst.	Individual	4,283	16
Muldowney, J.S. Mathematics Alberta	Qualitative theory of differential equations 3yr - 1st Inst.	Individual	11,759	16
Mullen, K. Math/Statistics Guelph	Models for the analysis of parasitic diseases 3yr - 1st Inst.	Individual	4,295	14
Mullin, J.K. Computer Science Western Ontario	Robust data structures, sorted order hashing 3yr - 1st Inst.	Individual	11,748	07
Mullin, R.C. Combin./Optimiz. Waterloo	Combinatorial analysis of designs, codes and cryptosystems 3yr - 1st Inst.	Individual	29,397	16
Munro, D.S. Geography Toronto	Productivity and active layer processes in a wooded swamp 3yr - 1st Inst.	Individual	11,660	18
Munro, J.I. Computer Science Waterloo	Efficiency of data structures 3yr - 3rd Inst.	Individual	31,220	07
Munro, M.B. Mechanical Eng. Ottawa	1) The fracture energy of fibre hybrid composites. 2) The fatique of fibre composites 3yr - 2nd Inst.	Individual	16,907	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Munroe, E.G. Entomology McGill	Classification and biogeography of Pyraustinae and related subfamilies of Pyralidae (Insecta: Lepidoptera)	Individual	7,420	01
Munz, R.J. Chemical Eng. McGill	Gas - particulate systems - feeding and separation 3yr - 1st Inst.	Individual	15,688	04
Murasugi, K. Mathematics Toronto	Topology of 3-manifolds 3yr - 1st Inst.	Individual	29,397	16
Murdock, B.B. Psychology Toronto	Studies of short-term memory 3yr - 1st Inst.	Individual	56,816	12
Murie, J.O. Zoology Alberta	Behavioral ecology and sociality in sciurid rodents 3yr - 1st Inst.	Individual	20,500	18
Murphy, B.D. Biology Saskatchewan	Studies of delayed implantation and seasonal breeding 3yr - 3rd Inst.	Individual	25,099	01
Murr, D.P. Horticulture Guelph	Regulation of ethylene biosynthesis in fruit and vegetative tissue 3yr - 1st Inst.	Individual	12,910	03
Murray, D.J. Psychology Queen's	Acquisition processes in memory 3yr - 3rd Inst.	Individual	13,467	12
Murray, D.W. Civil Engineering Alberta	Prediction of structural behavior 3yr - 1st Inst.	Individual	27,560	06
Murray, E.D. Food Science Manitoba	Functionality of proteins in food systems 3yr - 1st Inst.	Individual	33,113	03
Murtha, P.A. Forestry British Columbia	Remote sensing for monitoring vegetation damage to forests 3yr - 2nd Inst.	Individual	13,250	18
Murthy, G. Earth Sciences Memorial	Paleomagnetic and rock magnetic investigations of intrusive rocks from Labrador and from the island of Newfoundland and the study of implication of these results 3yr - 2nd Inst.	Individual	14,522	10
Murty, M.R.P. Mathematics McGill	Non-abelian sieves 3yr - 2nd Inst.	Univ. Research Fellow	8,480	16
Murty, U.S.R. Combin./Optimiz. Waterloo	Geometric aspects of matroids and algorithmic graph theory 3yr - 2nd Inst.	Individual	3,294	16
Muter, P.M. Psychology Toronto	Human episodic memory 3yr - 3rd Inst.	Univ. Research Fellow	12,243	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Mutus, B. Chemistry Windsor	Interactions between calmodulin and calmodulin-regulated proteins	Individual	15,900	05
Muzik, I. Civil Engineering Calgary	Prediction of flood flows on small drainage basins 3yr - 2nd Inst.	Individual	13,038	06
Muzio, J.C. Computer Science Victoria	Fault detection and fault isolation in combinational circuits 3yr - 1st Inst.	Individual	10,548	07
Myers, J.H. Plant Science British Columbia	Comparative studies in biological control: a search for principles 3yr - 1st Inst.	Individual	40,280	18
Mylopoulos, J. Computer Science Toronto	Conceptual modelling techniques and their applications 3yr - 3rd Inst.	Individual	31,220	07
Mysak, L.A. Mathematics British Columbia	Dynamical oceanography 3yr - 2nd Inst.	Individual	27,560	10
Nachman, M. Génie électrique Ecole Polytechnique	Applications des hyperfréquences 3ans - 3e vers.	Individuelle	11,264	11
Nadeau, C.H. Kinanthropologie Québec-Montréal	Etudes neurocinétiques de la planification d'un mouvement balistique de pointage 3ans - 2e vers.	Individuelle	5,300	12
Nadeau, D. Rech dev. amiante Sherbrooke	Caractérisation de la phosphatase alcaline des cellules de clara des poumons de rat 3ans - 1er vers.	Individuelle	13,780	02
Nadeau, D. Physique Montréal	Spectrométrie infrarouge des régions de formation d'étoiles 3ans - 1er vers.	Chercheur-boursier univ.	26,500	17
Nadeau, J.S. Metallurgical Eng. British Columbia	Subcritical crack growth in engineering materials 3yr - 3rd Inst.	Individual	26,813	04
Nagi, A.D.S. Physics Waterloo	1) Antiferromagnetic superconductors 2) Magnetic impurities in superconductors 3yr - 2nd Inst.	Individual	20,331	15
Nagy, J.I. Physiology Manitoba	Trophic function of gustatory nerves in taste buds: A model system to characterize trophic factors mediating nerve - target organ interactions	Individual	15,900	01
Naimpally, S.A. Mathematical Sci. Lakehead	Fixed points of nonexpansive mappings 3yr - 3rd Inst.	Individual	9,794	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Nair, K.K. Biolog. Sciences Simon Fraser	Differentiation in insect cells 3yr - 2nd Inst.	Individual	26,500	01
Nair, K.P.K. School of Admin. New Brunswick	Optimization problems in networks * with Y.P.Aneja(New Brunswick)	Team	18,020	07
Nait Abdallah, M.A. Computer Science Waterloo	Research on programming language semantics (models)	Individual	7,420	07
Nakai, S. Food Science British Columbia	Structure-functionality relationships of food proteins 3yr - 2nd Inst.	Individual	58,300	03
Nakajima, S. Psychology Dalhousie	Rewarding stimulation sites outside the medial forebrain bundle 3yr - 2nd Inst.	Individual	19,610	12
Nakamura, K. Biolog. Sciences Lethbridge	Factors affecting the limited mutation spectrum in an alga Chlamydomonas 3yr - 2nd Inst.	Individual	15,900	02
Naldrett, A.J. Geology Toronto	Field and experimental studies of Pt and Ni deposits and their host rocks 3yr - 3rd Inst.	Individual	61,215	10
Nalewajko, C. Life Sciences Toronto	Nutrients, light, temperature and phytoplankton growth 3yr - 1st Inst.	Individual	34,980	18
Nandakumar, K. Chemical Eng. Alberta	Computer aided analysis of chemical and flow processes	Individual	14,840	04
Napier, D.H. Chem Eng/App Chem Toronto	Hazards of combustible dusts 3yr - 3rd Inst.	Individual	17,018	04
Narasiah, S. Génie civil Sherbrooke	Performance d'un étang aéré en climat froid 3ans - 1er vers.	Individuelle	13,780	06
Narayana, T.V. Stats. Appl. Prob. Alberta	Combinatorial methods in statistics 3yr - 1st Inst.	Individual	1,500	14
Narayanaswami, P.P. Mathematics Memorial	Open problems in locally convex spaces with special reference to Frechet and (LF)-spaces 3yr - 2nd Inst.	Individual	5,648	16
Narbonne, G.M. Geological Sciences Queen's	Trace fossils in lower paleozoic carbonates of Western Newfoundland	Individual	19,080	10
Nargang, F.E. Genetics Alberta	Mitochondrial gene expression in Neurospora crassa 2yr - 1st Inst.	Univ. Research Fellow	19,610	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Narraway, J.J. Electrical Eng. New Brunswick	Fault diagnosis in switching networks and systems 3yr - 3rd Inst.	Individual	9,305	11
Nash, D. Genetics Alberta	Studies on Drosophila melanogaster mutants with defects in purine metabolism 3yr - 3rd Inst.	Individual	34,280	02
Nash, J.C. Business Admin. Ottawa	Development of software tools for solving real-world problems on small computers	Individual	15,377	07
Nasim, C. Mathematics Calgary	Integral transforms and dual integral equations 3yr - 3rd Inst.	Individual	2,380	16
Nasser, K.W. Civil Engineering Saskatchewan	Properties of fly-ash concrete and in-situ strength and air content of concrete 3yr - 3rd Inst.	Individual	18,365	06
Nasser, M.S. Civil Engineering Concordia	1) Spatially varied flow 2) Branched flow 3) Waves and porous structures 3yr - 3rd Inst.	Individual	14,692	06
Nathan, N.D. Civil Engineering British Columbia	1) Slenderness of walls (Masonry & tilt-up) 2) Seismic resistance of coupled shear-walls 3yr - 3rd Inst.	Individual	14,692	06
Navin, F. Civil Engineering British Columbia	Natural resource transport networks 3yr - 2nd Inst.	Individual	14,840	06
Naylor, D. Applied Math. Western Ontario	Expansion problems in the theory of diffraction 3yr - 2nd Inst.	Individual	11,295	16
Naylor, D.A. Physics Lethbridge	Infrared study of gaseous nebulae 3yr - 1st Inst.	Individual	15,900	17
Naylor, J.M. Biology Saskatchewan	Biological basis of persistence of wild oats Avena fatua * with G.M.Simpson(Sask.) 3yr - 2nd Inst.	Team	45,580	18
Nazar, R.N. Botany & Genetics Guelph	Ribosomal interactions and their relationship to ribosome function 3yr - 2nd Inst.	Individual	46,640	02
Neal, B.R. Biology Saskatchewan	Precocial reproductive tactics of small mammals 3yr - 1st Inst.	Individual	6,890	18
Neale, G.H. Chemical Eng. Ottawa	Oil recovery from petroleum reservoirs 3yr - 1st Inst.	Individual	24,804	04
Neale, K.W. Génie civil Sherbrooke	Phénomènes de plasticité 2ans - 2e vers.	Individuelle	10,044	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Necsulescu, D.S. Mechanical Eng. Ottawa	Reliability of structures subject to conditional stresses	Individual	8,480	20
Neelin, J.M. Biology Carleton	Role of lysine-rich histones in erythrocyte and other eukaryotic chromatins 3yr - 3rd Inst.	Individual	30,608	02
Neemeh, R.A. Mechanical Eng. Concordia	Aerodynamic resonators - stability of converging cylindrical shock waves 3yr - 2nd Inst.	Individual	15,317	13
Neill, W.E. Animal Res. Ecol. British Columbia	Dynamics of competition for food among zooplankton in oligotrophic lakes in B.C. 3yr - 1st Inst.	Individual	33,920	18
Neilson, G.C. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22
Neilson, G.C. Physics Alberta	* Refer to W.C.Olsen(Alberta)	Project		22
Neilson, G.C. Physics Alberta	* Refer to D.M.Sheppard(Alberta)	Team		22
Neilson, J.E. Computer Science Carleton	Performance models for local-area computer networks 3yr - 2nd Inst.	Individual	8,023	07
Neilson, T. Biochemistry McMaster	Stability studies on short imperfect RNA duplexes 3yr - 2nd Inst.	Individual	24,380	02
Neis, V. Civil Engineering Saskatchewan	Resistance of welded connections to combined loading states 3yr - 2nd Inst.	Individual	10,600	06
Nel, L.D. Math/Statistics Carleton	Functional analysis and exponential laws 3yr - 2nd Inst.	Individual	11,295	16
Nelson, D.E. Archaeology Simon Fraser	Archaeometric studies 3yr - 2nd Inst.	Individual	17,490	21
Nelson, D.E. Archaeology Simon Fraser	Direct measurement radioisotope dating * with R.C.Korteling(Simon Fraser)	Co-op	55,120	21
Nelson, E.M. Mathematical Sci. McMaster	Z-Continuous algebras and algebraic solutions to recursive schemes 3yr - 1st Inst.	Individual	11,759	16
Nelson, J.S. Zoology Alberta	1) Systematics of cottoid and trachinoid fishes 2) Classification of world fishes 3) Evolutionary studies on sticklebacks 3yr - 2nd Inst.	Individual	23,320	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Nelson, M.J. Library Science Western Ontario	Efficiency and effectiveness of simulation models of retrieval systems	Individual	3,150	07
Nemetz, P.N. Commerce British Columbia	Least cost systems strategies for pollution abatement 3yr - 1st Inst.	Individual	17,230	20
Nerenberg, M.A. Applied Math. Western Ontario	Interacting superconducting weak links, defects in ionic crystals 3yr - 2nd Inst.	Individual	10,473	15
Nesbitt, B.E. Geology Alberta	Metamorphism and genesis of base metal sulfide deposits 2yr - 2nd Inst.	Individual	13,780	10
Nesbitt, H.W. Geology Western Ontario	A comprehensive geochemical study of modern sedimentary basins 3yr - 1st Inst.	Individual	19,080	10
Netsch, H. Génie mécanique Laval	Turbines, pompes-turbines hydrauliques et leur réglage	Individuelle	9,858	13
Neufeld, R.J. Chemical Eng. McGill	Microbial products from hydrocarbon fermentations 3yr - 3rd Inst.	Individual	10,897	04
Neumann, A.W. Mechanical Eng. Toronto	Applied surface thermodynamics 3yr - 1st Inst.	Individual	58,830	13
Neumann, P. Sciences biolog. Montréal	* Chercheur principal J.Vieth(Montréal) 3ans - 2e vers.	Equipe		03
Newborn, M.M. Computer Science McGill	A study of parallel algorithms for search problems in artificial intelligence 3yr - 2nd Inst.	Individual	17,245	07
Newcomb, W. Biology Queen's	Development of angiosperm embryo sacs and nitrogen-fixing nodules 3yr - 2nd Inst.	Individual	23,320	03
Newcombe, W.R. Mechanical Eng. McMaster	Computer aided analysis and synthesis of mechanisms and machine elements - artificial joints 3yr - 3rd Inst.	Individual	12,856	13
Newkirk, G. Biology Dalhousie	Selective breeding of the European oyster, Ostrea edulis 3yr - 2nd Inst.	Individual	19,080	02
Newman, B.G. Mechanical Eng. McGill	Flow past flexible bodies 3yr - 3rd Inst.	Individual	31,832	13
Newman, E.B.S. Biology Concordia	The role of L-serine deaminase in E. Coli metabolism 3yr - 3rd Inst.	Individual	36,729	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Newman, K.E. Chemistry Simon Fraser	* Refer to P.W.Percival(Simon Fraser)	Project		22
Newman, K.E. Chemistry Simon Fraser	* Refer to D.G.Fleming(British Columbia)	Project		22
Newman, K.E. Chemistry Simon Fraser	* Refer to P.W.Percival(Simon Fraser)	Project		22
Newman, K.E. Chemistry Simon Fraser	Magnetic resonance of electrolyte solutions at extremes of pressure, temperature & composition 2yr - 1st Inst.	Univ. Research Fellow	15,900	05
Newrock, K.M. Biology McGill	The mechanism of action of egg localized determinants; studies on chromatin structure and membranes during development 3yr - 1st Inst.	Individual	21,200	02
Ng, A.K.H. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 3rd Inst.	Team		15
Ng, C.T. Pure Mathematics Waterloo	Functional equations and information theory 3yr - 3rd Inst.	Individual	5,712	16
Ng, J.N. Physics British Columbia	Studies of new structures in electroweak interactions 3yr - 3rd Inst.	Univ. Research Fellow	12,243	15
Ng, S.S.F. Civil Engineering Ottawa	1) Construction loads, shoring and reshoring systems in highrise concrete structures; 2) Dynamic and static behaviour of bridge decks; 3) Innovative numerical methods in applied mechanics 3yr - 3rd Inst.	Individual	21,426	06
Ngo, V.Q. Math/statistiques Montréal	Théorie des variétés feuilletées et de pseudo-groupes de lie 3ans - 1er vers.	Individuelle	8,819	16
Nguyen, C.L. Mathématiques Québec-Montréal	Etude de la performance des bases de données implantées sur mini et micro ordinateurs	Individuelle	15,377	07
Nguyen, D.N. Génie mécanique Laval	Couches limites aérodynamique et thermique 3ans - 1er vers.	Individuelle	11,660	13
Nguyen, S. Informatique Montréal	Modèles et méthodes d'optimisation des réseaux de transport 3ans - 3e vers.	Individuelle	24,486	20
Nguyen, V.D. Génie mécanique Laval	Mesures de pression statique et de frottement pariétal sur les pales d'un rotor de type Darrious 3ans - 2e vers.	Individuelle	13,727	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Nguyen, V.T.V. Sc. appliquées Québec-Chicoutimi	Caractérisation hydrologique de la pluie pour le design des réseaux de drainage urbain 3ans - 3e vers.	Individuelle	11,019	06
Nicas, A.J. Mathematics Toronto	Whitehead groups of the fundamental groups of aspherical manifolds 3yr - 1st Inst.	Univ. Research Fellow	6,000	16
Nichol, I. Geological Sciences Queen's	Geochemical exploration in Canada 3yr - 2nd Inst.	Individual	21,200	10
Nicholls, D.M. Biology York	The translation of messenger RNA and the role of inhibitors during the induction of liver and kidney enzymes 3yr - 3rd Inst.	Individual	19,589	02
Nicholls, J.W. Geology & Geophys. Calgary	H2O contents of magmas, petrology of nephelinites and hawaiites 3yr - 1st Inst.	Individual	23,320	10
Nicholls, P. Biolog. Sciences Brock	Cytochrome c oxidase: catalytic mechanism and membrane interactions 3yr - 2nd Inst.	Individual	61,480	02
Nicholls, R.W. Physics York	Experimental, observational and theoretical studies on laboratory astrophysics, astronomy, aeronomy and remote sensing 3yr - 3rd Inst.	Individual	94,271	17
Nichols, J.L. Biochem./Microbiol. Victoria	The structure of messenger RNA and messenger ribonucleoprotein complexes 2yr - 1st Inst.	Individual	27,560	02
Nichols, S.T. Electrical Eng. Calgary	Digital signal processing 3yr - 1st Inst.	Individual	10,812	11
Nicholson, P.S. Metallurgy McMaster	Development and evaluation of high performance ceramics 3yr - 3rd Inst.	Individual	32,322	04
Nicholson, W.K. Math/Statistics Calgary	Structure of rings and modules 3yr - 3rd Inst.	Individual	8,570	16
Nickel, B.G. Physics Guelph	Turbulence and navier-stokes flows 3yr - 1st Inst.	Individual	25,440	15
Nickling, W.G. Geography Guelph	Effects of surface and textural variables on the threshold velocity of sand in air 3yr - 2nd Inst.	Individual	13,780	10
Nicolas, J.R. Génie mécanique Sherbrooke	Propagation du son et identification des sources de bruit 3ans - 1er vers.	Individuelle	17,490	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Nieboer, E. Biochemistry McMaster	Design and development of routine methods of polarographic analysis for essential and toxic metals	Individual	10,600	05
Niederhausen, H. Statistics Toronto	Sheffer polynomials for computing exact distributions 2yr - 2nd Inst.	Individual	3,498	14
Niessen, P. Mechanical Eng. Waterloo	Continuous non-ferrous casting/interface studies 3yr - 3rd Inst.	Individual	30,608	04
Nieto, J.I. Math/statistiques Montréal	Analyse spectrale et algèbres topologiques 3ans - 2e vers.	Individuelle	3,294	16
Nigg, B.M. Physical Education Calgary	Experimental and analytical analysis of factors influencing high frequency impact forces in running 3yr - 1st Inst.	Individual	14,310	01
Nikiforuk, P.N. Mechanical Eng. Saskatchewan	Adaptive and optimal control systems: Hydraulic control systems 3yr - 2nd Inst.	Individual	56,498	13
Nirdosh, I. Chemical Eng. Lakehead	Simultaneous extraction of uranium and other radionuclides from Canadian uranium ores 3yr - 2nd Inst.	Individual	12,296	04
Nisbet, E.G. Geological Sciences Saskatchewan	Studies in Archaean Geology 3yr - 1st Inst.	Individual	25,440	10
Nishisato, S. Educ. Theory Toronto	Dual scaling of categorical data 3yr - 3rd Inst.	Individual	12,243	12
Niven, D.F. Microbiology Macdonald Coll.	Biochemical and physiological studies of porcine haemophili	Individual	18,868	02
Nkemdirim, L.C. Geography Calgary	Calgary's urban heat island 3yr - 2nd Inst.	Individual	12,190	10
Noakes, D.L.G. Zoology Guelph	Ontogeny and social behaviour in fishes 3yr - 1st Inst.	Individual	13,838	01
Nobert, Y. Sciences de l'admin. Québec-Montréal	Construction d'algorithmes optimaux pour des problèmes d'expédition de véhicules 3ans - 1er vers.	Individuelle	14,840	20
Noble, E.G. Human Kinetics Windsor	A biochemical and electrophoretic analysis of contractile protein adaptation to compensatory muscle hypertrophy 3yr - 2nd Inst.	Individual	13,462	01

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Noble, J.P.A. Geology New Brunswick	Faunal and sedimentary history of the north Appalachian Orogen, Silurian-Devonian 3yr - 1st Inst.	Individual	19,910	10
Nodwell, R.A. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 3rd Inst.	Team		15
Nogami, Y. Physics McMaster	Theoretical studies in nuclear and medium energy nuclear physics 3yr - 1st Inst.	Individual	34,291	15
Nogrady, T. Chemistry Concordia	Rotifer neuropharmacology and its application in environmental toxicology studies 3yr - 1st Inst.	Individual	5,300	01
Nolan, R.A. Biology Memorial	Studies on fungi from freshwater ecosystems and on the use of fungi in biocontrol 3yr - 1st Inst.	Individual	36,040	18
Noor, A.I. Sys. & Comp. Eng. Carleton	The development of a low level and high level protocol for a microcomputer network for real-time applications	Individual	7,420	07
Norman, G.R. Clin Epidem Biost McMaster	Structure and organization of expert memory in medicine 3yr - 1st Inst.	Individual	9,010	12
Norrie, D.H. Mechanical Eng. Calgary	Finite element applications in fluid mechanics 3yr - 3rd Inst.	Individual	18,365	13
Norris, A.R. Chemistry Queen's	Kinetic and mechanistic studies of the reactions of bases and nitro aromatic compounds 2yr - 2nd Inst.	Individual	13,780	05
Norris, G. Geology Toronto	Biostratigraphy of Mesozoic-Cenozoic miospores and dinoflagellates 3yr - 1st Inst.	Individual	34,980	10
North, T.H. Metal/Mat. Science Toronto	Weld metal chemistry and mechanical properties 3yr - 1st Inst.	Individual	5,141	04
North, W.P.T. Mechanical Eng. Windsor	Production quality instrumentation 3yr - 1st Inst.	Individual	11,872	13
Northcote, T.G. Forestry British Columbia	Salmonid species interaction and ecology in headwater streams 3yr - 3rd Inst.	Individual	37,953	18
Northwood, D.O. Eng Materials Windsor	Structure-property relationships in materials for energy systems 3yr - 1st Inst.	Individual	26,394	04
Norwich, K.H. Bio-Med Eng. Toronto	Information coding by sensory neurons 3yr - 2nd Inst.	Individual	13,780	01

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Nosal, M. Math/Statistics Calgary	Crossassociation theory and nonlinear regression 3yr - 2nd Inst.	Individual	3,498	14
Notley, K.R. Mining Eng. Queen's	Investigation of viscosity of high density hydraulic fill slurries 3yr - 3rd Inst.	Individual	10,897	04
Novak, M. Civil Engineering Western Ontario	Vibrations of structures and foundations 3yr - 2nd Inst.	Individual	40,280	06
Novak, M.D. Soil Science British Columbia	The improvement of soil thermal and moisture regimes by plastic mulching and surface ridging	Individual	10,600	03
Novak, M.M.A. Biology Winnipeg	* Principal investigator W.S.Evans(Winnipeg) 3yr - 3rd Inst.	Team		01
Novitsky, J.A. Biology Dalhousie	Microbial metabolism and carbon cycling in coastal marine sediments 3yr - 3rd Inst.	Individual	17,140	02
Nowak, E.S. Mechanical Eng. Western Ontario	Thermodynamic behaviour of engineering fluid mixture systems and thermal modelling and energy conservation studies 3yr - 2nd Inst.	Individual	25,228	13
Nowakowski, R.J. Mathematics Dalhousie	Investigation into the relationships between graphs and ordered sets 3yr - 3rd Inst.	Individual	1,428	16
Nozzolillo, C. Biology Ottawa	Flavonoids in relation to plant physiology, plant taxonomy and plant pathology	Individual	5,300	03
Nudds, T.D. Zoology Guelph	Waterfowl community dynamics in variable environments 3yr - 3rd Inst.	Individual	18,365	18
Nursall, J.R. Zoology Alberta	Bioenergetics in a coral reef fish community 3yr - 2nd Inst.	Individual	18,020	18
Nuttall, J. Physics Western Ontario	Padé approximants and atomic scattering theory 3yr - 3rd Inst.	Individual	25,196	15
Nyburg, S.C. Chemistry Toronto	X-ray and theoretical studies 2yr - 1st Inst.	Individual	29,150	05
Nyland, E. Physics Alberta	Geodynamics of slow plate deformation at plate margins 3yr - 3rd Inst.	Individual	24,486	10
Oakley, R.T. Chemistry Calgary	Heterocyclic sulphur-nitrogen compounds	Univ. Research Fellow	1,950	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Oakley, R.T. Chemistry Guelph	Heterocyclic sulphur-nitrogen compounds 2yr - 1st Inst.	Univ. Research Fellow	24,550	05
Oaks, B.A. Biology McMaster	Nitrogen metabolism during early seedling growth 3yr - 1st Inst.	Individual	46,618	03
O'Brien, G.L. Mathematics York	Properties of stochastic processes 3yr - 2nd Inst.	Individual	10,812	14
O'Brien, P.J. Biochemistry Memorial	1) Biological oxygen activation 2) The formation and involvement of peroxides in biological processes 3yr - 3rd Inst.	Individual	51,421	02
O'Brien, R.N. Chemistry Victoria	General surface & electrochemistry 3yr - 3rd Inst.	Individual	29,383	05
Occhietti, S. Géographie Québec-Montréal	Stratigraphie & Paléoenvironnements quaternaires: Vallée et Golfe du St-Laurent 2ans - 2e vers.	Individuelle	13,780	10
O'Day, D.H. Zoology Toronto	Membrane fusion in Dictyostelium discoideum 3yr - 3rd Inst.	Individual	30,608	02
Odeh, R.E. Mathematics Victoria	Statistical tables and algorithms 3yr - 2nd Inst.	Individual	9,646	14
Odgers, J. Mechanical Eng. Laval	Research on combustion and allied phenomena 3yr - 2nd Inst.	Individual	29,966	13
O'Donnell, M.J. Biology York	Interactions of hormone-secreting cells and target organs: Electrophysiological studies 3yr - 1st Inst.	Univ. Research Fellow	15,900	01
O'Donnell, P.J. Physics Toronto	Theoretical studies in elementary particle physics 3yr - 2nd Inst.	Individual	25,853	15
O'Dor, R.K. Biology Dalhousie	Energy and nutrient partitioning in cephalopods 3yr - 3rd Inst.	Individual	9,794	01
O'Driscoll, K.F. Chemical Eng. Waterloo	1) Polymerization modelling 2) Polymer based catalysts 3yr - 2nd Inst.	Individual	61,212	04
Oehlschlager, A.C. Chemistry Simon Fraser	Chemical and biochemical studies of natural products 3yr - 1st Inst.	Individual	33,920	05
Offenberger, A.A. Electrical Eng. Alberta	Laser production and heating of plasma; laser-plasma interaction 3yr - 3rd Inst.	Individual	52,290	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ogilvie, K.K. Chemistry McGill	The chemical synthesis of RNA sequences, arabinonucleotides and modified nucleosides	Individual	63,600	05
Ogilvie, R.D.D. Psychology Brock	Psychological and physiological variables in sleep and sleep mentation 3yr - 3rd Inst.	Individual	7,714	12
Ogryzlo, E.A. Chemistry British Columbia	Atmospheric photochemistry 3yr - 2nd Inst.	Individual	10,600	05
Oguztoreli, N.M. Mathematics Alberta	Modelling, analysis and simulation of certain mathematical problems in biology and medicine 3yr - 2nd Inst.	Individual	12,720	21
Oh, S. Physics Manitoba	Development and upgrading of the cyclotron and beams	Individual	18,020	22
Okada, R. Psychology York	Retrieval processes in memory 3yr - 3rd Inst.	Individual	17,753	12
Oke, T.R. Geography British Columbia	Climate modification by urbanization 3yr - 1st Inst.	Individual	39,220	10
Okoh, F. Mathematics York	Infinite-dimensional kronecker modules 3yr - 1st Inst.	Individual	3,430	16
Olafson, R.W. Biochem./Microbiol. Victoria	Relationship of chemical structure to physiological function in prokaryotic metallothionein 3yr - 2nd Inst.	Individual	25,440	02
Oldenburg, D.W. Geophys./Astron. British Columbia	Inversion and inference of geophysical data 3yr - 3rd Inst.	Individual	28,159	10
Oldershaw, A.E. Geology & Geophys. Calgary	Natural and induced diagenetic relationships in sedimentary rocks 3yr - 3rd Inst.	Individual	12,243	10
Oldham, K.B. Chemistry Trent	Electrochemistry 3yr - 3rd Inst.	Individual	36,729	05
Oldham, W.K. Civil Engineering British Columbia	Sludge conditioning for phosphorus uptake 3yr - 3rd Inst.	Individual	17,753	06
Olesky, D.D. Computer Science Victoria	Monotone stable matrices 3yr - 1st Inst.	Individual	1,470	16
Olin, A. TRIUMF Victoria	* Refer to G.R.Mason(Victoria)	Project		22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Olin, A. TRIUMF Victoria	IEP-90 - Broad Pionic X-rays * with G.A.Beer, G.R.Mason(Victoria), J.A.Macdonald(British Columbia)	Project	18,900	22
Olin, P. Mathematics York	Model theory of semigroups 3yr - 2nd Inst.	Individual	4,236	16
Oliveira, L.A.F. Botany British Columbia	Role of nickel on urea utilization by phytoplankters 3yr - 2nd Inst.	Individual	12,720	03
Olivier, G. Génie électrique Ecole Polytechnique	1) Convertisseurs à transistors MOSFET et à thyristors GTO 2) Etude analytique de cascade de transformateurs d'essai haute-tension 3ans - 2e vers.	Chercheur-boursier univ.	15,264	11
Ollerhead, R.W. Physics Guelph	Particle-solid interactions using Van de Graaff accelerators 3yr - 3rd Inst.	Individual	22,955	15
Oloffs, P.C. Biolog. Sciences Simon Fraser	The biological/toxicological, chemical, and physical behaviour of selected pesticides under field and laboratory conditions 3yr - 2nd Inst.	Individual	20,140	01
Oloman, C.W. Chemical Eng. British Columbia	Design of electrochemical reactors 3yr - 3rd Inst.	Individual	13,957	04
Olsen, W.C. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22
Olsen, W.C. Physics Alberta	* Refer to C.A.Miller(Alberta)	Project		22
Olsen, W.C. Physics Alberta	IEP-79 - University of Alberta-TRIUMF research-support staff salaries * with J.M.Cameron, P.Kitching,W.J.McDonald,G.A.Moss, G.C.Neilson,G.Roy(Alberta)	Project	349,800	22
Olsen, W.C. Physics Alberta	* Refer to D.A.Hutcheon(Alberta)	Project		22
Olsen, W.C. Physics Alberta	* Refer to D.M.Sheppard(Alberta)	Team		22
Olson, M.D. Civil Engineering British Columbia	Finite element analysis in fluids and solids 3yr - 1st Inst.	Individual	33,390	13
Omar, S.I. Computer Science Ottawa	Performance analysis of distributed processing switching systems	Individual	8,480	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ono, H. Psychology York	Binocular vision and eye movement 3yr - 2nd Inst.	Individual	30,740	12
Onyshko, S. Electrical Eng. Manitoba	1) Pulse frequency modulation in control systems 2) Biomedical research: Human locomotion and the vesibulo-ocular reflex 3yr - 1st Inst.	Individual	9,752	11
Ooi, B.T. Electrical Eng. McGill	Electric machine control and dynamics	Individual	25,546	11
Oommen, J.B. Computer Science Carleton	1) Studies in ergodic learning automata 2) The noisy substring to string correspondence problem	Individual	9,540	07
Oosterveld, M. Civil Engineering Lakehead	Irrigation development decision making model for small projects 3yr - 1st Inst.	Individual	14,840	06
Oosthuizen, P.H. Mechanical Eng. Queen's	1) External combined convection 2) Free convection 3) Buoyant turbulent free flows 4) Low Reynolds number turbulent flows 5) Coal freezing 6) Annular flow 3yr - 1st Inst.	Individual	41,234	13
Opatrny, J. Computer Science Concordia	Programming language constructs and their processors for multiprocessor systems	Individual	10,545	07
Oral, M. Opér./syst. de déc Laval	* Voir J.L.Malouin(Laval) 3ans - 1er vers.	Equipe		20
Oram, C.J. Physics British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Oram, C.J. TRIUMF British Columbia	IEP-78 - Muonium Formation * with J.B.Warren, G.A.Ludgate(British Columbia)	Project	57,750	22
Oravas, G.A. Civ Eng/Eng Mech McMaster	Approximate analyses of conical concrete shells on elastic foundation 3yr - 2nd Inst	Individual	10,229	06
Orchard, I. Zoology Toronto	Insect neurosecretory cells: Physiological correlates of integration and regulation 3yr - 1st Inst.	Individual	31,800	01
Ord, J.L. Physics Waterloo	Ellipsometry and the properties of thin film systems 3yr - 1st Inst.	Individual	21,253	15
Oren, T.I. Computer Science Ottawa	Quality assurance in modelling and simulation: Methodology and software 3yr - 2nd Inst.	Individual	11,946	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Orloci, L. Plant Science Western Ontario	Studies in quantitative plant ecology 3yr - 2nd Inst.	Individual	34,980	18
Ormrod, D.P. Horticultural Sci. Guelph	Physiological behavior of vegetative and reproductive plant structures subjected to environmental stresses	Individual	48,060	03
Orvig, S. Meteorology McGill	Physical climatology and climate impact studies 3yr - 2nd Inst.	Individual	11,753	17
Orzech, M. Mathematics Queen's	Brauer groups and geometric rings 3yr - 3rd Inst.	Individual	5,712	16
Osborn, G.D. Geology & Geophys. Calgary	1) Holocene/late pleistocene glacial chronology and tephrostratigraphy 2) Dynamics of glacier bergschrunds 2yr - 2nd Inst.	Individual	4,108	10
Osborn, S.L. Computer Science Western Ontario	Relational databases	Individual	8,530	07
Osborn, T.A. Physics Manitoba	Semi-classical spectral theory for the many-body problem 3yr - 1st Inst.	Individual	31,800	15
O'Shaughnessy, D. INRS-Télécomm. Québec - INRS	Modelling suprasegmentals for synthesized speech 3yr - 1st Inst.	Individual	12,680	11
O'Shea, S.F. Chemistry Lethbridge	Theoretical studies of molecular fluids and solids 3yr - 1st Inst.	Individual	22,969	05
Osman, M.O.M. Mechanical Eng. Concordia	Dynamics of mechanical systems in manufacturing 3yr - 1st Inst.	Individual	40,280	13
Ossenkopp, K.P. Psychology Western Ontario	Discrimination of low intensity magnetic fields in pigeons 3yr - 3rd Inst.	Univ. Research Fellow	13,467	12
Ostiguy, G.L. Mécanique Ecole Polytechnique	Comportement dynamique des plaques rectangulaires et des engrenages en plastique 3ans - 2e vers.	Individuelle	12,932	13
Ostlund, N.S. Computer Science Waterloo	Design and implementation of multiple processor computer systems	Individual	16,960	07
Ostry, D.J. Psychology McGill	Speech motor control * with E.Keller(UQAM) 3yr - 2nd Inst.	Team	9,540	12
Otis, G.W. Environ. Biology Guelph	The influence of worker bee size on honey bee biology, pollination, and honey production 3yr - 1st Inst.	Individual	12,720	18

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Otten, L. Engineering Guelph	Transfer properties of agricultural products 3yr - 2nd Inst.	Individual	15,900	21
Otto, F.D. Chemical Eng. Alberta	Gas-liquid operations 3yr - 1st Inst.	Individual	23,850	04
Ouellet, Y.B. Génie civil Laval	Etude des spectres de vagues 3ans - 1er vers.	Individuelle	20,140	06
Ouellette, G.B. Phytologie Laval	* Chercheur principal F.J.Pauze(Laval) 3ans - 2e vers.	Equipe		03
Oum, T.H. Management Sciences British Columbia	* Refer to A.J.Taylor(Queen's) 3yr - 1st Inst.	Team		20
Ovenden, M.W. Geophys./Astron. British Columbia	Celestial mechanics and stellar dynamics 3yr - 1st Inst.	Individual	10,070	17
Owen, M.D. Zoology Western Ontario	1) Physiology of insect venoms 2) Biogenic amines in insects 3yr - 1st Inst.	Individual	7,420	01
Owens, J.N. Biology Victoria	Conifer sexual reproduction. Morphogenesis of buds, shoots and seedling roots 3yr - 2nd Inst.	Individual	41,340	03
Ozier, I. Physics British Columbia	Forbidden transitions in spherical and symmetric tops 3yr - 1st Inst.	Individual	43,666	15
Ozier, M. Psychology Dalhousie	Representational and retrieval mechanisms in Episodic memory 3yr - 3rd Inst.	Individual	12,733	12
Ozin, G.A. Chemistry Toronto	Catalytic aspects of metal vapor chemistry 3yr - 3rd Inst.	Individual	53,869	05
Pacey, P.D. Chemistry Dalhousie	Reaction kinetics of hydrocarbon radicals at high temperatures 3yr - 3rd Inst.	Individual	17,140	05
Pacher, H.D. INRS - Energie Québec - INRS	Etude de l'équilibre magnétohydrodynamique avec des couches de courant opposées	Individuelle	21,200	15
Packer, J.A. Civil Engineering Toronto	Connections to hollow structural and wide flange steel sections 3yr - 1st Inst.	Individual	17,490	06
Paddock, N.L. Chemistry British Columbia	Phosphazene and phosphazane chemistry	Individual	10,600	05
Paden, J.W. Biology Victoria	Biosystematics, physiology, mycorrhizal potential of the Pezizales	Individual	8,840	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Padmanabhan, R. Mathematics Manitoba	Equational logic with applications to groups and geometries 3yr - 2nd Inst.	Individual	11,295	16
Page, J.A. Chemistry Queen's	Electroanalytical chemistry / trace analysis * with G.W.Van Loon(Queen's) 3yr - 3rd Inst.	Team	12,243	05
Page, J.H. Physics Queen's	Phase transitions and phonon interactions in solids 3yr - 3rd Inst.	Univ. Research Fellow	12,243	15
Page, P. Sciences de la terre Québec-Montréal	Géochimie des milieux glacio-aquatiques actuels et anciens de l'Est du Canada 2ans - 1er vers.	Individuelle	13,780	10
Page, S.S. Mathematics British Columbia	The structure and applications of finitely Psuedo Frobenius rings 3yr - 3rd Inst.	Individual	3,333	16
Page, W.J. Microbiology Alberta	Iron and molybdenum accumulation and transport in azotobacter vinelandii 3yr - 1st Inst.	Individual	25,440	02
Pagurek, B. Sys Eng/Comp Sci. Carleton	Queueing system analysis and database management 3yr - 2nd Inst.	Individual	17,596	11
Paidoussis, M.P. Mechanical Eng. McGill	Flow-induced vibrations and instabilities of structures 3yr - 1st Inst.	Individual	54,980	13
Paige, C.C. Computer Science McGill	Computer techniques in numerical linear algebra, estimation, and control 3yr - 1st Inst.	Individual	41,444	07
Painter, R.H. Biochemistry Toronto	Chemistry of complement analogues in invertebrates 3yr - 1st Inst.	Individual	11,450	02
Paivio, A.U. Psychology Western Ontario	Coding processes in memory 3yr - 2nd Inst.	Individual	62,222	12
Palczynski, R. Engineering Acadia	Mass transfer rate between petroleum hydrocarbons and water 3yr - 1st Inst.	Individual	12,706	04
Palczynski, R. Chemical Eng. Lakehead	Mass transfer rate between petroleum hydrocarbons and water	Individual	1,074	04
Paldus, J. Applied Math. Waterloo	Quantum theory of atomic and molecular electronic structure 3yr - 3rd Inst.	Individual	39,178	05
Palepu, R. Chemistry Cape Breton	Viscosity studies on aqueous ternary systems and solid-liquid phase equilibria studies 3yr - 3rd Inst.	Individual	4,897	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pallotta, D. Biology Laval	Cell differentiation in the acellular slime mould Physarum polycephalum 3yr - 1st Inst.	Individual	36,040	02
Palmer, A.R. Zoology Alberta	Shell form and evolution in prosobranch gastropods: genetic and environmental determinants of shell color and form 3yr - 1st Inst.	Individual	36,040	18
Palmer, C.E. Plant Science Manitoba	Regulation of nitrate reductase activity and protein accumulation in solanum tuberosum L. by hormones 3yr - 2nd Inst.	Individual	14,840	03
Palmer, H.C. Geophysics Western Ontario	Paleomagnetism of late precambrian rock units 3yr - 3rd Inst.	Individual	18,365	10
Palmer, R.J. Engineering Regina	Short range navigation 3yr - 1st Inst.	Individual	11,660	11
Palmer, W.M. Animal Science Manitoba	Study of factors influencing reproductive efficiency of domestic animals 3yr - 2nd Inst.	Individual	22,260	01
Palmour, R.M. Psychiatry McGill	Genetic variants in an isolated primate population 2yr - 1st Inst.	Individual	34,594	01
Paloheimo, J.E. Zoology Toronto	Population processes, ecosystem structure and its stability	Individual	26,500	18
Pandey, J.N. Math/Statistics Carleton	Generalized functions and distributional boundary-value problems 3yr - 2nd Inst.	Individual	2,353	16
Panjer, H.H. Statistics Waterloo	Statistical problems in actuarial science 3yr - 2nd Inst.	Individual	10,685	14
Panuska, V. Electrical Eng. Concordia	Design and implementation of real-time identification algorithms	Individual	6,678	11
Papantonopoulos, C. Génie civil Ottawa	Static and dynamic analysis of slopes by the generalized limit equilibrium method 2ans - 1er vers.	Individuelle	8,480	06
Papezik, V.S. Earth Sciences Memorial	Geology and industrial mineral deposits of volcanic rocks in the Avalon Zone of the Appalachian orogenic belt 3yr - 2nd Inst.	Individual	13,780	10

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Papini, G.A. Physics/Astronomy Regina	A unified theory of gravitation and electromagnetism and gravitational effects in astrophysics, elementary particles and solid state physics 3yr - 1st Inst.	Individual	15,222	15
Pappas, B.A. Psychology Carleton	Neuropsychopharmacology of behavioral development 3yr - 1st Inst.	Individual	29,680	12
Paquette, N. Biologie Laval	Mécanisme moléculaire de la recombinaison génétique chez le champignon Ascobolus immersus	Individuelle	15,900	02
Paradis, A. Mathématiques Qué.-Trois-Riv.	Langages réguliers et langages disjonctifs 3ans - 3e vers.	Individuelle	2,380	16
Paradis, M.A. Génie mécanique Laval	Systèmes de chauffage domestiques à faible consommation d'énergie * avec G.Faucher(Laval) 3ans - 2e vers.	Equipe	16,430	13
Parameswaran, M.R. Mathematics Manitoba	Theory of summability 3yr - 3rd Inst.	Individual	5,712	16
Paranjape, B.V. Physics Alberta	Surface excitations in solids 3yr - 2nd Inst.	Individual	10,748	15
Paranjape, V.V. Physics Lakehead	Research in solid state physics 3yr - 1st Inst.	Individual	17,204	15
Pare, R. Mathematics Dalhousie	Applications of indexed categories 3yr - 3rd Inst.	Individual	5,712	16
Parisel, C. Architecture Montréal	Evaluation des bâtiments semi-enterrés en regard des congères * avec L.D.Warshaw(Montréal) 3ans - 2e vers.	Equipe	7,807	06
Parker, G.H. Biology Laurentian	Uptake, tissue distribution and toxicological effects of environmental metals in homeotherms (with special reference to the Sudbury and Wawa industrial basins)	Individual	8,896	01
Parker, J.R. Computer Science Calgary	Holographic image processing	Individual	11,236	07
Parker, L.A. Psychology New Brunswick	Nonconsummatory behavioral CRs elicited by drug-paired flavors 3yr - 1st Inst.	Individual	10,600	12
Parker, P.A. Electrical Eng. New Brunswick	Biological signal processing 3yr - 1st Inst.	Individual	12,508	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Parker, R.J. Animal Science Manitoba	1) Genetic correlation and response to selection, 2) A repeat mating design to measure response to selection and environmental trends, 3) Selection for efficiency of growth in mice 3yr - 3rd Inst.	Individual	12,243	18
Parker, W.H. Forestry Lakehead	Population differentiation and taxonomy of boreal conifers 3yr - 1st Inst.	Individual	17,213	03
Parkes, J.G. Clinical Biochem. Toronto	Cholesterol interactions with the onion transport protein of human erythrocytes	Individual	10,600	02
Parkinson, D. Biology Calgary	Terrestrial decomposer cycle studies 3yr - 2nd Inst.	Individual	69,960	18
Parkinson, G.V. Mechanical Eng. British Columbia	Research in low speed aerodynamics of airfoils and bluff bodies 3yr - 2nd Inst.	Individual	36,358	13
Parlar, M. School of Admin. New Brunswick	Optimal control applications in forestry 3yr - 1st Inst.	Individual	9,907	20
Parmenter, M.M. Math/Statistics Memorial	Dimension theory, isomorphism and related problems in group rings 3yr - 2nd Inst.	Individual	4,766	16
Parnas, D.L. Computer Science Victoria	Software engineering: Theory, methods, models and tools	Individual	52,407	07
Parslow, G.R. Geology Regina	1) U and associated elements - their geochemistry & relation to mineralization in N. Sask. 2) Base & Precious metals - their geochem. & relation to mineralization in Flin Flon volcanics 3yr - 3rd Inst.	Individual	13,467	10
Parsons, R.R. Physics British Columbia	Search for and basic understanding of heat-mirror materials for solar energy applications 3yr - 3rd Inst.	Individual	27,449	15
Parsons, T.R. Oceanography British Columbia	Controlled aquatic ecosystem	Individual	34,980	18
Parsons, T.S. Zoology Toronto	Studies on vertebrate anatomy 3yr - 3rd Inst.	Individual	4,897	01
Pascual-Leone, J. Psychology York	The processes of mental attention 3yr - 2nd Inst.	Individual	15,900	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Passmore, J. Chemistry New Brunswick	Preparation and characterisation of compounds of interest in terms of current theories of bonding and stereochemistry 3yr - 1st Inst.	Individual	34,980	05
Pasternak, J.J. Biology Waterloo	Developmental processes in free-living nematodes 3yr - 1st Inst.	Individual	40,280	02
Pasupathy, S. Electrical Eng. Toronto	Studies in digital communication 3yr - 3rd Inst.	Individual	19,589	11
Paszner, L. Forestry British Columbia	Analysis and evaluation of the mechanism of derivative formation in acid catalysed hydrolysis of cellulosics and starches in aqueous acetone solutions 3yr - 1st Inst.	Individual	15,476	04
Pasztor, V.M. Biology McGill	Mechano-sensory modulation of the respiratory central pattern generator in crustacea	Individual	14,826	01
Patchett, B.M. Mineral Eng. Alberta	Effects of slag physical properties on submerged arc welding 3yr - 1st Inst.	Individual	13,356	04
Patel, P.M. Physics McGill	* Refer to N.Isgur(Toronto)	Project		23
Patel, P.M. Physics McGill	Project 82.02 The ARGUS experiment - beauty at DESY * with W.R.Frisken(York), K.W.Edwards(Carleton), J.D.Prentice,T-S.Yoon(Toronto)	Project	57,750	23
Patel, R.V. Electrical Eng. Concordia	Analysis and design of linear multivariable systems	Individual	16,642	11
Patel, T.R. Biology Memorial	Heat-stable proteases from food spoiling psychrotrophs of milk and milk product origin 3yr - 1st Inst.	Individual	13,780	02
Patel, V. Medicine McGill	The development of expertise in medical problem solving 3yr - 1st Inst.	Individual	6,890	12
Patera, J. Centre de rech math Montréal	Etudes des propriétés de symétrie des systèmes quantiques 3ans - 2e vers.	Individuelle	26,065	15
Paterson, C.G. Biology Mount Allison	Ecology of aquatic organisms 3yr - 1st Inst.	Individual	18,020	18
Paterson, J.G. Mining Eng. Queen's	Application of carbon in pulp for metal cyanide removal from cyanidation effluents 3yr - 2nd Inst.	Individual	13,462	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Patey, G.N. Chemistry British Columbia	The statistical mechanical theory of liquids and solutions with application to water, aqueous electrolytes and solutions of small molecules in nematic liquid crystals	Individual	30,038	05
Pathria, R.K. Physics Waterloo	1) Statistical mechanics of finite systems 2) Stochastic evolution of general systems 3yr - 1st Inst.	Individual	21,253	15
Patla, A.E. Kinesiology Waterloo	On adaptability of the motor program model for human locomotion 3yr - 1st Inst.	Individual	12,550	01
Patrick, Z.A. Botany Toronto	Microbial associations, antagonisms, and mycoparasitism of plant pathogens in soil	Individual	21,560	03
Patriquin, D.G. Biology Dalhousie	Nitrogen fixation and conservation of fixed nitrogen 3yr - 3rd Inst.	Individual	36,729	18
Patry, G.G. Génie civil McMaster	Approche stochastique pour le contrôle des réseaux d'égouts unitaires 3ans - 1er vers.	Individuelle	21,200	06
Patterson, D.D. Chemistry McGill	Interactions in solution 3yr - 1st Inst.	Individual	59,539	05
Patterson, I.W. Chemical Eng. McGill	Modelling and control of processes 3yr - 1st Inst.	Individual	18,338	04
Patterson, W. Physique/math Moncton	Modélisation des systèmes de gestion des bases de données	Individuelle	9,886	07
Paul, A.H. Geography Regina	Saskatchewan thunderstorm project 3yr - 3rd Inst.	Individual	6,122	17
Paul, D.A.L. Physics Toronto	1) The weak interaction in nuclear physics 2) Positron interactions with atoms and s[illegible]e molecules	Individual	35,203	15
Paul, D.H. Biology Victoria	Neural correlates of the evolution of a new locomotory behavior 3yr - 2nd Inst.	Individual	14,840	01
Paul, M. Biology Victoria	1) Fertilization changes in animal eggs 2) Development and structure of silkmoth chorion 3yr - 2nd Inst.	Individual	23,320	02
Paul, R. Chemistry Calgary	Relaxation phenomena in condensed phases and biological coherence 2yr - 1st Inst.	Individual	13,780	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Paul, S.R. Mathematics Windsor	Contingency tables, binary response data and outliers 3yr - 1st Inst.	Individual	7,531	14
Pauls, K.P. Crop Science Guelph	Plant membrane properties related to cell fusion, hormone action and drought tolerance 3yr - 1st Inst.	Univ. Research Fellow	15,900	03
Pauze, F.J. Phytologie Laval	Interactions hôtes-parasites des flétrissements fongiques * avec G.B.Ouellette(Laval) 3ans - 2e vers.	Equipe	14,840	03
Pavlasek, T.J.F. Electrical Eng. McGill	Studies of the near field of E.M. scatterers and of complex antenna structures 3yr - 3rd Inst.	Individual	8,693	11
Pawluk, S. Soil Science Alberta	Dynamics of chernozemic, luvisolic and solonetzic soils 3yr - 2nd Inst.	Individual	39,644	03
Payette, S. Phytologie Laval	Dynamique holocène des systèmes écologiques de la toundra forestière du Nord québécois 3ans - 2e vers.	Individuelle	28,620	18
Payment, P. Ctre. Rech.-Virol. Québec - IAF	Utilisation des coliphages comme indicateur de la désinfection des eaux	Individuelle	10,600	18
Payne, N.C. Chemistry Western Ontario	Preparative and X-ray structural studies of asymmetric molecules 3yr - 3rd Inst.	Individual	26,935	05
Payre, G.M.J. Génie chimique Sherbrooke	Méthodes de second ordre pour l'identification des systèmes: application aux modèles biologiques	Individuelle	10,600	04
Peach, M.E. Chemistry Acadia	Chemistry of devalent sulfur compounds 3yr - 2nd Inst.	Individual	10,600	05
Pear, J.J. Psychology Manitoba	A structural analysis of operant behavior 3yr - 3rd Inst.	Individual	12,243	12
Pearce, G.W. Geology Toronto	Paleo-and rock magnetism of phanerozoic sedimentary deposits 3yr - 1st Inst.	Individual	19,610	10
Pearce, T.H. Geological Sciences Queen's	Petrology of Archean recent volcanics and applications of laser interference microscopy 2yr - 2nd Inst.	Individual	17,490	10
Pearlman, R.E. Biology York	DNA metabolism in Tetrahymena studied using biochemical, genetic and recombinant DNA techniques 3yr - 3rd Inst.	Individual	46,523	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pearson, J.M. Physique Montréal	Physique nucléaire théorique 3ans - 1er vers.	Individuelle	20,363	15
Pearson, T.L. Mathematics Acadia	Some properties of the Banach space of bounded Darboux Baire-one functions 3yr - 1st Inst.	Individual	2,120	16
Pearson, T.W. Biochemistry Victoria	Localization of antigenic sites on polymorphic protein antigens 3yr - 2nd Inst.	Individual	31,800	02
Pearson, W.B. Physics/Chemistry Waterloo	Quantitative understanding of physical properties of alloys on the basis of crystal structure 2yr - 2nd Inst.	Individual	17,490	15
Peck, J.E.L. Computer Science British Columbia	Software portability 2yr - 2nd Inst.	Individual	14,065	07
Peck, S.B. Biology Carleton	Arthropod and beetle systematics and evolution 3yr - 1st Inst.	Individual	23,500	18
Pedersen, T.F. Oceanography British Columbia	Trace metal geochemistry of coastal sediments of British Columbia 3yr - 3rd Inst.	Univ. Research Fellow	12,243	10
Pederzoli, G. Quantitative Method Concordia	Game theoretical models for the portfolio selection problem 3yr - 2nd Inst.	Individual	7,420	20
Peemoeller, H. Physics New Brunswick	Nuclear magnetic resonance studies of heterogeneous systems 3yr - 2nd Inst.	Univ. Research Fellow	16,020	05
Pegg, M.J. CREN Tech. Univ. N.S.	Effects of turbulence on dust explosions 3yr - 1st Inst.	Individual	14,734	13
Pei, D.C.T. Chemical Eng. Waterloo	1) The interactions of local heat transfer rates from spheres in close vicinity 2) Heat transfer in solid-gas fluidized bed system 3) Fundamental studies on drying processes 3yr - 3rd Inst.	Individual	28,159	04
Peirson, D.R. Biology Wilfrid Laurier	Nitrogen metabolism and growth of crop and weed plants * with J.R.Elliott(Wilfrid Laurier) 3yr - 1st Inst.	Team	13,660	03
Pekau, O.A. Civil Engineering Concordia	Seismic performance and design of building structures 3yr - 3rd Inst.	Individual	14,080	06
Pelletier, D.H. Mathematics York	Structural properties of ideals on P-kappa-lambda 3yr - 3rd Inst.	Individual	3,333	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pelletier, F.J. Philosophy Alberta	Natural language understanding and heuristic theorem proving	Individual	8,369	07
Pelletier, J.M.W. Mathematics York	Applications of category theory to analysis 3yr - 1st Inst.	Individual	8,819	16
Peltier, W.R. Physics Toronto	Atmospheric and geophysical fluid dynamics 3yr - 1st Inst.	Individual	58,300	17
Pelton, A.D. Génie métall. Ecole Polytechnique	1) Phase diagram calculations 2) Applications of Beta-alumina 3ans - 1er vers.	Individuelle	56,180	04
Penney, C.G. Psychology Memorial	Contributions of retrieval processes in semantic memory to incubation effect 3yr - 1st Inst.	Individual	14,734	12
Pepin, H. INRS - Energie Québec - INRS	Interaction rayonnement CO2 de haute intensité - cibles solides * avec T.W.Johnston,P.Lavigne, F.Martin,R.Décoste(INRS-Québec) 3ans - 2e vers.	Equipe	121,391	15
Pe-Piper, G. Geology Saint Mary's	Geologic applications of mafic volcanic rock petrology and geochemistry	Individual	16,960	10
Peppard, L.E. Electrical Eng. Queen's	CMOS integrated circuit design, simulation, fabrication and testing for VLSI applications 3yr - 1st Inst.	Individual	11,660	11
Percival, P.W. Chemistry Simon Fraser	* Refer to D.G.Fleming(British Columbia)	Project		22
Percival, P.W. Chemistry Simon Fraser	IEP-69 - Muonium reaction intermediates * with K.E.Newman(Simon Fraser), D.G.Fleming(British Columbia)	Project	32,550	22
Percival, P.W. Chemistry Simon Fraser	* Refer to D.G.Fleming(British Columbia)	Project		22
Percival, P.W. Chemistry Simon Fraser	IEP-116 - SFU Salary budget for Muon and Neutron program * with K.E.Newman,A.S.Arrott(Simon Fraser)	Project	31,800	22
Percy, D.H. Pathology Guelph	Sialodacryoadenitis (SDA): An important coronavirus infection in the laboratory rat 3yr - 1st Inst.	Individual	15,900	01
Percy, J.R. Astronomy Toronto	Observation and theory of variable stars 3yr - 2nd Inst.	Individual	22,260	17
Perkins, E.A. Mathematics British Columbia	Studies in the theory of stochastic processes 3yr - 1st Inst.	Individual	15,000	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Perks, A.M. Zoology British Columbia	Biologically active peptides from the pituitary and other sources: studies of their nature and actions in the physiology of the mammalian fetus, in reproduction, and in lower vertebrates 3yr - 1st Inst.	Individual	33,606	01
Perlin, A.S. Chemistry McGill	Chemistry of carbohydrates and carbohydrases 3yr - 1st Inst.	Individual	55,833	05
Perlman, M.M. Physics Sherbrooke	The effect of surface and bulk traps on charge transport in insulators 3yr - 1st Inst.	Individual	6,000	11
Peronnet, F.R.R. Education physique Montréal	Réponses sympathiques circulatoires, métaboliques et hormonales à l'exercice chez le chien sympathectomisé à la 6-hydroxydopamine 3ans - 1er vers	Individuelle	9,389	01
Perrault, C.R. Computer Science Toronto	A computer model of conversation 3yr - 3rd Inst.	Individual	19,589	07
Perrault, G. Génie minéral Ecole Polytechnique	Recherche en métallogénie, minéralogie et cristallographie	Individuelle	12,720	10
Perron, J.M. Biologie Laval	Rythme de ponte de l'abeille domestique, Apis mellifera	Individuelle	10,872	01
Perroud, M. Mathématiques appl. Ecole Polytechnique	Approche géométrique aux équations non-linéaires de la physique 3ans - 2e vers.	Individuelle	8,472	16
Perry, C.W. Psychology Concordia	Duality and dissociation in hypnosis 3yr - 3rd Inst.	Individual	14,080	12
Perry, S.F. Biology Ottawa	Acid-base regulation and CO2 excretion in teleost fishes 3yr - 1st Inst.	Univ. Research Fellow	12,720	01
Persinger, M.A. Psychology Laurentian	Immunoresponse following sudden environmental changes * with H.Falter(Laurentian) 3yr - 2nd Inst.	Team	7,420	12
Person, C.O. Botany British Columbia	Genetics of host-parasite interaction	Individual	37,460	03
Perz, J.M. Physics Toronto	Electrons in metals and amorphous semiconductors 3yr - 1st Inst.	Individual	29,192	15
Pesotan, H. Math/Statistics Guelph	Algebraic and combinatorial aspects of factorial design 3yr - 2nd Inst.	Individual	6,996	14

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Petch, H.E. Physics Victoria	* Principal investigator A.Watton(Victoria) 3yr - 2nd Inst.	Team		15
Peter, R.E. Zoology Alberta	Neuroendocrine and endocrine control mechanisms in teleost fishes 3yr - 2nd Inst.	Individual	54,060	01
Peterman, R.M. Natural Res. Mgnt. Simon Fraser	Salmon mortality and growth processes and effects of estimation errors on management of fish populations 3yr - 1st Inst.	Individual	32,355	18
Peters, E. Metallurgical Eng. British Columbia	Hydrometallurgy of non-ferrous metals 3yr - 1st Inst.	Individual	28,938	04
Peters, M.H. Psychology Guelph	Dual task interference effects and interaction with hand preference 3yr - 2nd Inst.	Individual	13,780	12
Peters, R.H. Biology McGill	1) Phosphorus and PCB movement in pelagic systems 2) Hypolimnetic phosphorus availability 3yr - 2nd Inst.	Individual	41,340	18
Petersen, E.R. School of Business Queen's	Models for railway planning and operations 3yr - 2nd Inst.	Individual	29,892	20
Petersen, N.O. Chemistry Western Ontario	Aggregation reactions in membranes 3yr - 3rd Inst.	Univ. Research Fellow	18,365	02
Peterson, A.W. Civil Engineering Alberta	Channels formed in sediment 3yr - 2nd Inst.	Individual	18,338	06
Peterson, C.A. Biology Waterloo	Cell structure in relation to long and short distance transport 3yr - 1st Inst.	Individual	27,813	03
Peterson, E.L. Biology McGill	Photosensory control of identified neural circuits 3yr - 2nd Inst.	Univ. Research Fellow	18,020	01
Peterson, L.K. Chemistry Simon Fraser	Homogeneous organometallic catalysts 3yr - 2nd Inst.	Individual	14,310	05
Peterson, R.C. Geology Queen's	Charge density analysis of mineral structures	Individual	6,650	10
Peterson, R.L. Botany & Genetics Guelph	Structure and development of plant roots 3yr - 1st Inst.	Individual	45,833	03
Peterson, R.L. Zoology Toronto	Systematic mammalogy 3yr - 3rd Inst.	Individual	13,467	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Petit, T.L. Psychology Toronto	Mechanisms of neural development and aging 3yr - 2nd Inst.	Individual	11,660	12
Petkau, A.J. Statistics British Columbia	Design and analysis of (Sequential) clinical trials 3yr - 1st Inst.	Individual	16,107	14
Petras, M.L. Biology Windsor	Studies of genetic variability in populations of the house mouse, Mus musculus 3yr - 1st Inst.	Individual	23,320	18
Petrides, M. Psychology McGill	Effects of selective frontal-and temporal-lobe lesions in the monkey on conditional associative learning 3yr - 1st Inst.	Individual	20,140	12
Petrusic, W.M. Psychology Carleton	Adaptive judgmental processes 3yr - 3rd Inst.	Individual	12,243	12
Pezolet, M. Chimie Laval	Etude spectroscopique de molécules d'intérêt biologique 3ans - 1er vers.	Individuelle	30,568	05
Pfaffenberger, W.E. Mathematics Victoria	Study of applications of the relative spectrum of an element in a real Banach algebra 3yr - 3rd Inst.	Individual	2,039	16
Pfeiffer, S.K. Biology Guelph	Adult age estimates and paleodemographic analysis of an archaic skeletal sample * with W.D.Wade(Manitoba) 3yr - 2nd Inst.	Team	5,300	21
Pham-Gia, T. Physique/math Moncton	L'estimation d'une densité de probabilité 3ans - 3e vers.	Individuelle	3,944	16
Phan, C.T. Sciences biolog. Montréal	La culture de tissus de porte-greffes de pommiers: études physiologiques et biochimiques pour résoudre un problème de propagation 3ans - 3e vers.	Individuelle	12,243	03
Phan, L.C. Sc. appliquées Québec-Chicoutimi	Recherche relative au givrage des lignes de transport d'énergie * avec P.McComber, J.L.Laforte(Qué.-Chicoutimi) 3ans - 3e vers.	Equipe	30,730	11
Pharis, R.P. Biology Calgary	Physiology and metabolism of plant hormones in higher plants 3yr - 2nd Inst.	Individual	90,100	03
Philippin, G.A. Mathématiques Laval	Principes de maximum, inégalités isopérimétriques et problèmes mal posés 3ans - 2e vers.	Individuelle	8,472	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Phillip, L.E. Animal Science Macdonald Coll.	Intake of alfalfa silage in relation to duodenal amino acid pattern in lambs 3yr - 3rd Inst.	Individual	11,019	01
Phillips, C.R. Chemical Eng. Toronto	Transport phenomena and reaction kinetics in energy systems 3yr - 2nd Inst.	Individual	53,090	04
Phillips, G.D. Animal Science Manitoba	Gastro-intestinal function and water and electrolyte metabolism in domestic livestock 3yr - 2nd Inst.	Individual	30,740	01
Phillips, J. Mathematics Dalhousie	Invariants and automophisms of C-algebras 3yr - 3rd Inst.	Individual	15,233	16
Phillips, J.E. Zoology British Columbia	Membrane transport processes, their hormonal control, and the physiology of excretion and osmoregulation in insects 3yr - 2nd Inst.	Individual	72,080	01
Phillips, J.P. Botany & Genetics Guelph	Regulation of gene expression and development in drosophila 3yr - 1st Inst.	Individual	29,680	02
Phillips, M.J. Chem Eng/App Chem Toronto	Effect of alkali metal oxide on activity of iron catalysts in hydrogenation reactions 3yr - 3rd Inst.	Individual	9,060	04
Phillips, W.J. Mathematics Saint Mary's	Stable isomorphism of a crossed product with the corresponding fixed point algebra	Individual	588	16
Phillips, W.J. Mathematics Tech. Univ. N.S.	Stable isomorphism of a crossed product with the corresponding fixed point algebra 3yr - 1st Inst.	Individual	2,592	16
Philogene, B.J.R. Biology Ottawa	Insect development as affected by light and secondary plant substances 3yr - 1st Inst.	Individual	19,373	01
Phipps, J.B. Plant Science Western Ontario	Evolutionary and systematic studies in Crataegus (Rosaceae, Maloideae)	Individual	36,040	18
Picard, A. Génie civil Laval	Assemblages dans les charpentes préfabriquées (acier et béton) 3ans - 3e vers.	Individuelle	13,467	06
Picard, G. Vivres Laval	Utilisation de l'azote inorganique par les algues d'eau douce 3ans - 3e vers.	Individuelle	8,350	03
Picard, J.C. Génie Moncton	Coupes de valeur minimale dans un réseau et applications	Individuelle	48	20

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Picard, J.C. Sciences de l'admin. Québec-Montréal	Coupes de valeur minimale dans un réseau et applications 3ans - 1er vers.	Individuelle	16,752	20
Piccinini, R.A.A. Math/Statistics Memorial	Complexes. Fibrations. Immersions 3yr - 1st Inst.	Individual	11,000	16
Picciotto, C.E. Physics Victoria	Problems in intermediate-energy theory 3yr - 2nd Inst.	Individual	6,922	15
Pick, R.J. Mechanical Eng. Waterloo	Finite element analysis and photo-elasticity applied to fracture mechanics 3yr - 3rd Inst.	Individual	18,365	13
Pickard, M.A. Microbiology Alberta	Chloroperoxidase production by fungi 3yr - 1st Inst.	Individual	21,200	02
Pickerill, R.K. Geology New Brunswick	Palaeontology, ichnology, sedimentology and stratigraphy of eastern Canada and other selected sequences 3yr - 1st Inst.	Individual	33,920	10
Pickett, E.E. Industrial Eng. Toronto	Contributions to computer aided design, manufacturing, and robotics technology 3yr - 1st Inst.	Individual	14,840	20
Pickles, C.A. Metallurgical Eng. Queen's	Improvements in the properties of blast furnace pellets 3yr - 1st Inst.	Individual	13,780	04
Picman, J. Biology Ottawa	1) The evolution of polygyny in the red-winged blackbird 2) The evolution of nest-destroying behavior in wrens, Troglodytidae 3yr - 2nd Inst.	Individual	17,808	18
Picot, J.J.C. Chemical Eng. New Brunswick	Applications of transport phenomena fundamentals 3yr - 1st Inst.	Individual	24,168	04
Piekarski, K. Mechanical Eng. Waterloo	1) Design of new composite materials 2) Properties of bone 3yr - 3rd Inst.	Individual	20,201	13
Pielou, E.C. Biology Lethbridge	Comparative demography of even aged forest-stands 3yr - 1st Inst.	Individual	22,260	18
Pierce, S.J. Mathematics Toronto	Linear maps leaving matrix varieties invariant 3yr - 2nd Inst.	Individual	8,472	16
Piercy, G.R. Metal/Mat. Science McMaster	Characterization and control of microstructures produced by rapid solidification processing 3yr - 1st Inst.	Individual	15,688	04
Pierre, R. Mathématiques Laval	Inégalités du type Markov-Bernstein et approximation 3ans - 2e vers.	Individuelle	2,353	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pierrynowski, M.R. Phys./Health Ed. Toronto	Validation of a physiological muscle force predictor model 3yr - 1st Inst.	Individual	14,300	01
Piers, E. Chemistry British Columbia	New synthetic methods and total synthesis of natural products 3yr - 3rd Inst.	Individual	51,421	05
Pietrowski, A. Mathematics York	Automorphism groups of treed HNN groups 3yr - 1st Inst.	Individual	1,470	16
Pietrzykowski, T. Computer Science Acadia	Mechanical deduction. Security of computation	Individual	16,736	07
Piggott, M.R. Chemical Eng. Toronto	Tough high performance fibre composites 3yr - 1st Inst.	Individual	25,228	04
Pillay, D.T.N. Biology Windsor	Gene expression in aging cells - post-transcriptional and translational control 3yr - 3rd Inst.	Individual	22,037	02
Pilliar, R.M. Metal/Mat. Science Toronto	Implant alloys - processing and properties 3yr - 3rd Inst.	Individual	15,181	04
Pilon, J.G. Sciences biolog. Montréal	Insectes aquatiques et terrestres : Faunistique, cycle biologique, ecologie 3ans - 2e vers.	Individuelle	20,140	18
Pilt, A.A. Physics McMaster	Nuclear structure studies with light and heavy ions 2yr - 1st Inst.	Univ. Research Fellow	13,780	22
Pincock, D.G. Electrical Eng. Tech. Univ. N.S.	Underwater telemetry 3yr - 1st Inst.	Individual	12,932	11
Pincock, J.A. Chemistry Dalhousie	Mechanistic studies in ground and excited state organic chemistry 3yr - 2nd Inst.	Individual	20,140	05
Pincock, R.E. Chemistry British Columbia	1) Heterogeneous catalysis of some organic reactions. 2) Synthesis and properties of compounds having synchronous rotation of groups 3yr - 2nd Inst.	Individual	15,900	05
Pinder, K.L. Chemical Eng. British Columbia	1) Water pollution control 2) Energy conservation 3) Rheology 3yr - 1st Inst.	Individual	24,168	04
Pindera, J.T. Civil Engineering Waterloo	Experimental mechanics methods for structural behaviour optimization (fracture mechanics, laminated structures) 3yr - 1st Inst.	Individual	34,980	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pineault, S. Physique Laval	1) Rayonnement non thermique en provenance de sources inhomogènes 2) Restes de supernova	Individuelle	10,600	17
Pinel, J.P.J. Psychology British Columbia	Conditioned and unconditioned defensive burying 3yr - 1st Inst.	Individual	19,080	12
Pinel-Alloul, B.G. Sciences biolog. Montréal	Structure en taille et partition des interactions trophiques du plancton selon le statut trophique dans les lacs du Québec	Individuelle	12,720	18
Pink, D.A.H. Physics St. F. Xavier	Theoretical studies of model and biomembranes and related systems 3yr - 2nd Inst.	Individual	29,797	15
Pinkney, R.B. Civil Engineering Manitoba	* Refer to G.A.Morris(Manitoba) 3yr - 1st Inst.	Team		06
Pinnington, E.H. Physics Alberta	Spectroscopic studies of atomic energy levels 3yr - 1st Inst.	Individual	37,100	15
Pintar, M.M. Physics Waterloo	Nuclear spin relaxation in solids and dense solutions 3yr - 2nd Inst.	Individual	45,474	15
Pinto, B.M. Chemistry Simon Fraser	Investigation of the nature and origin of conformational effects 3yr - 1st Inst.	Univ. Research Fellow	19,080	05
Pip, E. Biology Winnipeg	The dynamics of a multi-species submerged aquatic plant-snail community 3yr - 3rd Inst.	Individual	2,449	18
Pirlot, P.L. Sciences biolog. Montréal	Analyses quantitatives et essai de théorie sur l'organisation neuro-sensorielle des vertébrés en relation avec l'écologie et le comportement 3ans - 2e vers.	Individuelle	21,200	01
Piron, D.L. Génie métall. Ecole Polytechnique	Rendement énergétique d'électroextraction du zinc 3ans - 2e vers.	Individuelle	20,352	04
Pitt, M.D. Plant Science British Columbia	Ecological dynamics of Western Canadian Grasslands	Individual	5,300	18
Pivik, R.T. Psychology Ottawa	Spinal reflex and brainstem neuronal correlates of sleep, wakefulness and tonic immobility 3yr - 1st Inst.	Individual	10,600	12
Plambeck, J.A. Chemistry Alberta	Electroanalytical studies	Individual	10,600	05

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Plamondon, A.P. Aménag./sylvicult. Laval	Le processus de génération de l'écoulement et l'effet de la coupe sur le régime d'écoulement ainsi que sur la qualité de l'eau 3ans - 1er vers.	Individuelle	22,260	18
Plamondon, R. Génie électrique Ecole Polytechnique	Design d' interfaces de communication homme-ordinateur: matériel et logiciel	Individuelle	9,864	07
Planas, D. Sciences biolog. Québec-Montréal	Etude des facteurs biotiques et abiotiques qui influencent la production primaire 3ans - 1er vers.	Individuelle	18,020	18
Platt, C.R. Mathematics Manitoba	Transferability and computer-assisted universal algebra 3yr - 1st Inst.	Individual	3,510	16
Platt, J.R. Psychology McMaster	Response differentiation 3yr - 3rd Inst.	Individual	22,895	12
Platt, R.G. Geology Lakehead	Petrogenetic studies of alkaline and related rocks 3yr - 3rd Inst.	Individual	13,467	10
Platt, T. Biology Dalhousie	Scale effects in aquatic microcosms: Photoadaption in a turbulent light field 3yr - 3rd Inst.	Individual	15,916	18
Plett, E.G. Mech. & Aeronaut. Carleton	Fluidized bed coal reactor studies	Individual	11,660	04
Plischke, M. Physics Simon Fraser	Theory of intercalated materials and phase transitions 3yr - 3rd Inst.	Individual	18,475	15
Plowright, R.C. Zoology Toronto	Pollination ecology and dynamics of bumble bee colonies 3yr - 2nd Inst.	Individual	42,400	18
Plumtree, A. Mechanical Eng. Waterloo	Damage accumulation and fatigue crack propagation 3yr - 3rd Inst.	Individual	26,200	04
Pluth, D.J. Soil Science Alberta	Root dynamics and nitrogen cycling in a Douglas-fir ecosystem 3yr - 1st Inst.	Individual	10,960	03
Pocobelli, G. Physics Saskatchewan	* Refer to H.M.Skarsgard(Saskatchewan) 3yr - 1st Inst.	Team		15
Podesta, R.B. Zoology Western Ontario	Biochemical, biophysical and physiological characterization of surface epithelial syncytium of human blood fluke, Schistosoma mansoni 3yr - 2nd Inst.	Individual	30,740	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Poe, A.J. Chemistry Toronto	Kinetic studies of metal complexes 3yr - 2nd Inst.	Individual	41,870	05
Poehlman, S. Eng. Physics McMaster	FREDA - Front End for Data Acquisition	Individual	10,653	11
Poirier, G.G. Biologie Sherbrooke	Mécanisme de sécrétion: structure et fonction de la membrane plasmique 3ans - 2e vers.	Individuelle	28,620	02
Poirier, M. Physique Sherbrooke	Etude des propriétés de transport électrique dans les systèmes à dimensionalité réduite 3ans - 1er vers.	Chercheur-boursier univ.	15,900	15
Poirier, R.A. Physical Science Toronto	Investigation using quantum chemical methods of selected chemical problems	Individual	15,900	05
Poland, J.C. Mathematics Carleton	Infinite groups and model theory 3yr - 3rd Inst.	Individual	1,428	16
Polanyi, J.C. Chemistry Toronto	Molecular dynamics of chemical reactions and energy transfer processes 3yr - 2nd Inst.	Individual	137,800	05
Poling, G.W. Min./Min. Proc. British Columbia	Flotation of the copper-bearing mineral valleriite 3yr - 3rd Inst.	Individual	13,957	04
Polis, M.P. Génie électrique Ecole Polytechnique	Estimation et identification dans les systèmes à paramètres répartis 3ans - 2e vers.	Individuelle	19,652	11
Politof, T. Fin. & Manag. Sci. Alberta	Efficient algorithms for the exact computation of network reliability	Individual	7,420	07
Polivy, J. Psychology Toronto	* Principal investigator C.P.Herman(Toronto) 3yr - 2nd Inst.	Team		12
Poll, J.D. Physics Guelph	Research in molecular and astrophysics 3yr - 3rd Inst.	Individual	23,519	15
Pollack, G.S. Biology McGill	Neural and genetic control of auditory behavior 3yr - 3rd Inst.	Individual	18,365	01
Pollak, V.A. Electrical Eng. Saskatchewan	Devices and methods for application in medicine and related disciplines	Individual	33,390	11
Pollard, A. Mechanical Eng. Queen's	Turbulence modelling and two-phase flows 3yr - 3rd Inst.	Individual	13,467	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pomeranz, B.H. Zoology Toronto	Role of endorphins in pain modulation 3yr - 3rd Inst.	Individual	52,033	01
Pomerleau, A. Génie électrique Laval	Développement d'équipements pour évaluation et traitement d'images 3ans - 1er vers.	Individuelle	13,886	11
Pomerleau, A. Psychologie Québec-Montréal	Etude des premières interactions et des premiers apprentissages de l'organisme humain dans son environnement * avec G.Malcuit(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe	16,960	12
Pomeroy, R.K. Chemistry Simon Fraser	Organometallic chemistry of ruthenium and osmium 3yr - 1st Inst.	Individual	25,619	05
Pond, G.S. Oceanography British Columbia	Inlet and coastal circulation, dynamics and mixing 3yr - 2nd Inst.	Individual	34,450	10
Pons, B.S. Chemistry Alberta	Spectroelectrochemical and electroanalytical investigation of the solution electrolyte interphase 3yr - 1st Inst.	Individual	41,340	05
Ponzo, P.J. Applied Math. Waterloo	Mathematical modelling	Individual	1,470	16
Poole, R.J. Biology McGill	Ion transport in plant cells 3yr - 1st Inst.	Individual	40,280	03
Poorooshasb, H. Civil Engineering Concordia	Constitution relationships for soils - Application to geotechnical problems 3yr - 1st Inst.	Individual	25,440	06
Popplewell, N. Mechanical Eng. Manitoba	Vibrating systems with hysteresis and impacts 3yr - 2nd Inst.	Individual	16,801	13
Porac, C.K. Psychology Victoria	Neural mechanisms in the maintainence of monocular asymmetries 3yr - 2nd Inst.	Individual	12,720	12
Posluszny, U. Botany & Genetics Guelph	Floral biology of the Hydrocharitaceae 3yr - 3rd Inst.	Individual	15,304	03
Posner, M.J.M. Industrial Eng. Toronto	Stochastic models in operational research 3yr - 3rd Inst.	Individual	23,262	20
Postlethwaite, J. Chem & Chem Eng. Saskatchewan	Corrosion of metals in aqueous solutions 3yr - 3rd Inst.	Individual	17,018	04

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Potyondy, J.G. Civil Engineering Tech. Univ. N.S.	Investigation of flexural strength of steel and concrete beams in composite action with masonry 3yr - 2nd Inst.	Individual	11,660	06
Poulos, C.X. Psychology Toronto	* Refer to H.D.Cappell(Toronto) 3yr - 1st Inst.	Team		12
Poulsen, R.S. Computer Science McGill	Scene segmentation methods, scene segmentation error measurements, and image feature extraction	Individual	13,252	07
Poulton, G.A. Chemistry Victoria	Natural products: structural elucidation, synthesis, biosynthesis and biological activity 2yr - 1st Inst.	Individual	5,300	05
Pounder, J.R. Mathematics Alberta	Stability study of nonlinear recurrence relations 3yr - 1st Inst.	Individual	1,900	16
Poussart, D. Génie électrique Laval	Signaux bioélectriques et digigraphie biomédicale 3ans - 1er vers.	Individuelle	28,196	11
Poutissou, J.M.A. TRIUMF British Columbia	* Voir D.Bryman(British Columbia)	Projet		22
Poutissou, J.M.A. TRIUMF British Columbia	* Voir M.D.Hasinoff(British Columbia)	Projet		22
Poutissou, J.M.A. TRIUMF British Columbia	IEP - 114 - Pion form factor * avec M.D.Hasinoff(British Columbia),B.C.Robertson(Queen's)	Projet	66,400	22
Poutissou, J.M.A. TRIUMF British Columbia	* Voir M.D.Hasinoff(British Columbia)	Projet		22
Poutissou, J.M.A. TRIUMF British Columbia	* Voir D.A.Bryman(Victoria)	Projet		22
Poutissou, J.M.A. TRIUMF British Columbia	* Voir D.F.Measday(British Columbia)	Projet		22
Powell, J. Chemistry Toronto	Multifunctional ligands. A route to cooperativity effects in metal clusters	Individual	39,578	05
Power, G. Biology Waterloo	Ouananiche biology/Winter ecology of stream fishes 3yr - 2nd Inst.	Individual	20,140	18
Powrie, W.D. Food Science British Columbia	Chemistry of Maillard Browning reactions 3yr - 2nd Inst.	Individual	46,110	03

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pradhan, A.K. Physics Windsor	Atomic processes in laboratory and astrophysical plasmas	Univ. Research Fellow	21,200	17
Prange, R.K. Biology N.S.A.C.	Interactions of environmental stresses on plant growth and development 3yr - 2nd Inst.	Individual	14,310	03
Prasad, T. Civil Engineering Waterloo	Stochastic models for biomedical and health-care systems	Individual	8,056	11
Prasad, V.S. Math/informatique Sherbrooke	Recherche en théorie ergodique 2ans - 1er vers.	Chercheur-boursier univ.	8,500	16
Prasada, B. INRS-Télécomm. Québec - INRS	Digital coding and processing of video signals 3yr - 3rd Inst.	Individual	17,018	11
Prentice, J.D. Physics Toronto	* Refer to J.Hébert(Ottawa)	Project		23
Prentice, J.D. Physics Toronto	* Refer to W.R.Frisken(York)	Project		23
Prentice, J.D. Physics Toronto	* Refer to N.Isgur(Toronto)	Project		23
Prepas, E. Zoology Alberta	Prediction of productivity in western Canadian lakes 3yr - 1st Inst.	Individual	24,380	18
Prescott, J.F. Vet. Micro./Immun. Guelph	Purification of the protective antigens of corynebacterium equi 3yr - 1st Inst.	Individual	14,500	02
Pressley, G.M. Psychology Western Ontario	Picture/imagery effects on memory 3yr - 3rd Inst.	Individual	11,019	12
Preston, M.A. Physics Saskatchewan	Theoretical studies in nuclear physics * with E.L.Tomusiak(Saskatchewan) 3yr - 1st Inst.	Team	32,531	15
Prestwich, W.V. Physics McMaster	Neutron and photon interactions 3yr - 3rd Inst.	Individual	34,280	22
Prevec, L.A. Biology McMaster	Structure-function relationships of VSV phosphoprotein 3yr - 3rd Inst.	Individual	25,710	02
Price, A.G. Geography Toronto	Runoff production and water quality in small hydrologic systems 3yr - 2nd Inst.	Individual	10,600	10
Price, M.A. Animal Science Alberta	Muscle growth and distribution 3yr - 2nd Inst.	Individual	13,780	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Price, S.J. Mechanical Eng. McGill	Flow-induced vibrations 3yr - 2nd Inst.	Individual	15,900	13
Pride, C.R. Geology Ottawa	Rare earth element geochemistry of "granitic" and volcanic rocks	Individual	10,600	10
Prince, R.H. Physics York	Emission processes during Chemisorption 3yr - 1st Inst.	Individual	21,486	15
Pritchard, G. Biology Calgary	Biological studies on insect life histories 3yr - 1st Inst.	Individual	34,980	18
Pritchard, H.O. Chemistry York	Kinetic, thermodynamic and quantum studies of simple chemical reactions 2yr - 1st Inst.	Individual	51,940	05
Pritchet, C.J. Physics Victoria	Structure and evolution of extragalactic objects 3yr - 1st Inst.	Individual	19,610	17
Probert, R.L. Computer Science Ottawa	Tools and techniques for developing reliable software 3yr - 1st Inst.	Individual	24,811	07
Probst, W.G. Mathématiques Québec-Montréal	Interfaces logicielles standardisées dans un système réparti	Individuelle	12,720	07
Proctor, J.T.A. Horticultural Sci. Guelph	Growth, cropping and assimilate partitioning of healthy and pest stressed perennial plants	Individual	21,560	03
Promislow, S.D. Mathematics York	Actuarial mathematics 3yr - 2nd Inst.	Individual	2,472	16
Proteau, L. Sci l'activité phys Qué.-Trois-Riv.	Stratégie de décision en fonction du type de réponse exigée 3ans - 2e vers.	Individuelle	7,420	12
Provan, J.W. Mechanical Eng. McGill	The fracture and fatigue reliability of engineering materials and components 3yr - 1st Inst.	Individual	28,938	13
Prud'homme, J. Chimie Montréal	Synthèse, caractérisation et propriétés des copolymères séquencés et statisques 3ans - 2e vers.	Individuelle	16,960	05
Prud'homme, R.E. Chimie Laval	Les propriétés des polymères à l'état solide. 3ans - 1er vers.	Individuelle	41,698	05
Prugovecki, E. Mathematics Toronto	Unification of relativity and quantum theory based on stochastic geometries	Individual	21,049	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Pryce, M.H.L. Physics British Columbia	Theoretical astrophysics / Mathematical modelling of groundwater flow / Nonlinear spectroscopy	Individual	10,600	15
Ptito, M. Psychologie Qué.-Trois-Riv.	L'organisation anatomo-fonctionnelle du système visuel extrastrié du chat et du singe 3ans - 2e vers.	Individuelle	15,900	12
Puddephatt, R.J. Chemistry Western Ontario	Organometallic chemistry related to catalysis 3yr - 2nd Inst.	Individual	41,340	05
Pufahl, D.E. Civil Engineering Saskatchewan	Potash mining and waste management of tailings 3yr - 2nd Inst.	Individual	13,780	06
Pugh, J.R. Computer Science Carleton	Actor-based application systems	Individual	5,730	07
Pugh, R.E. Physics Toronto	I.P.P. Component from High Energy Physics Awards	Project	620,865	23
Pugh, R.E. Physics Toronto	I.P.P. 4.4 Administration	Project	37,100	23
Pugh, R.E. Physics Toronto	I.P.P. 4.5 Travel	Project	21,200	23
Pugh, R.E. Physics Toronto	I.P.P. 4.2 Appointments research scientists	Co-op	254,400	23
Pulfrey, D.L. Electrical Eng. British Columbia	1) Preparation of surface junctions and thin film crystalline semiconductors. 2) Design and evaluation of charge controllers for photovoltaic power systems. 3) Preparation of a low level light detector 3yr - 3rd Inst.	Individual	27,179	11
Pulleyblank, W.R. Combin./Optimiz. Waterloo	Applications of polyhedral theory to combinatorial optimization 3yr - 1st Inst.	Individual	14,732	07
Pullman, N.J. Mathematics Queen's	Combinatorics and matrix theory 3yr - 3rd Inst.	Individual	8,570	16
Purdy, G.R. Metal/Mat. Science McMaster	Phase transformations in materials 3yr - 3rd Inst.	Individual	35,994	04
Purdy, G.R. Metal/Mat. Science McMaster	Structures formed by rapid continuous cooling of engineering materials * with G.C.Weatherly(Toronto), G.R.Piercy(McMaster) 3yr - 3rd Inst.	Co-op	17,018	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Purdy, W.C. Chemistry McGill	Application of modern analytical techniques to biological analyses 3yr - 3rd Inst.	Individual	36,729	05
Purzitsky, N. Mathematics York	Schottky spaces 3yr - 3rd Inst.	Individual	6,937	16
Puterman, M.L. Management Sciences British Columbia	Computational methods in dynamic programming 3yr - 1st Inst.	Individual	17,763	07
Putnam, C.A. Physical Education Dalhousie	Interactions in segment motion sequences 3yr - 3rd Inst.	Individual	13,467	21
Pylyshyn, Z.W. Psychology Western Ontario	Automatic and controlled processes in low level vision 3yr - 1st Inst.	Individual	22,154	12
Quackenbush, R.W. Mathematics Manitoba	The structure of finite algebras and commutator theory 3yr - 1st Inst.	Individual	15,678	16
Quaicoe, J.E. Electrical Eng. Memorial	Development of a microprocessor-based cycloinverter system 3yr - 1st Inst.	Individual	12,402	11
Queen, A. Chemistry Manitoba	Kinetics of fast reactions in solution with particular emphasis on the hydrolysis of phosphorane-like compounds and the use of chiroptical methods 2yr - 1st Inst.	Individual	10,600	05
Quick, M.C. Civil Engineering British Columbia	Sediment transport induced by combined wave and current action 3yr - 2nd Inst.	Individual	13,780	06
Quigley, R.M. Civil Engineering Western Ontario	Leachate - clay soil compatibility (Hydraulic Conductivity) 3yr - 1st Inst.	Individual	44,520	06
Quilliam, M.A. Chemistry McMaster	Studies in chromatography and mass spectrometry 2yr - 1st Inst.	Individual	15,370	05
Quinlan, G.M. Earth Sciences Memorial	Thermo-mechanical models of Grand Banks sedimentary basins 2yr - 1st Inst.	Individual	11,660	10
Quinn, J.P. Math/Comp Science St. F. Xavier	Stabilization and control of bilinear systems 3yr - 1st Inst.	Individual	3,430	16
Quintana, V.H. Electrical Eng. Waterloo	Numerical optimization methods for power systems 3yr - 3rd Inst.	Individual	19,222	11
Qureshi, A.H. Electrical Eng. Windsor	Electrical insulation for application in high voltage power systems 3yr - 3rd Inst.	Individual	18,243	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rabenstein, D.L. Chemistry Alberta	NMR and other analytical studies of peptides, proteins and red blood cells 2yr - 1st Inst.	Individual	48,058	05
Rabideau, G.F. Systems Design Waterloo	Ergonomic investigation of VDT design and operator performance 3yr - 1st Inst.	Individual	8,480	20
Racine, M.L. Mathématiques Ottawa	Structure des algèbres de Jordan 3ans - 1er vers.	Individuelle	11,759	16
Racine, R.J. Psychology McMaster	Post-activation potentiation phenomena as models for memory 3yr - 2nd Inst.	Individual	47,382	12
Rackoff, C.W. Computer Science Toronto	Computational complexity and automata theory 3yr - 3rd Inst.	Individual	15,304	07
Racz, G.J. Soil Science Manitoba	1. Studies of native and applied phosphorus in soils 2. Chemistry and plant availability of soil minor elements 3yr - 3rd Inst.	Individual	20,813	03
Radford, K.J. Adm. Studies York	Contributions to industrial engineering-Information, communication and control in purposeful organizations 3yr - 1st Inst.	Individual	13,780	20
Radhakrishnan, T. Computer Science Concordia	Man machine communication systems for information processing 3yr - 1st Inst.	Individual	13,514	07
Radjavi, H. Mathematics Dalhousie	Non-self-adjoint operator algebras 3yr - 3rd Inst.	Individual	23,801	16
Radtke, H.L. Psychology Calgary	Seriation in the context of hypnotic amnesia 3yr - 2nd Inst.	Individual	6,360	12
Raeside, J.I. Biomed Sciences Guelph	Endocrinology of the testis 3yr - 3rd Inst.	Individual	31,832	01
Raeside, R.P. Geology Acadia	Metamorphism, deformation and plutonism, Cape Breton Highlands and Shelburne Metamorphic Complex, Nova Scotia 2yr - 1st Inst.	Individual	9,533	10
Raghavan, V.G.S. Agricult. Eng. Macdonald Coll.	Heat transfer investigations in agitated particulate beds 3yr - 2nd Inst.	Individual	19,345	13
Raghavan, V.V. Computer Science Regina	Information retrieval strategies, database management techniques and their integration 3yr - 1st Inst.	Individual	13,553	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Raghuveer, M.R. Electrical Eng. Manitoba	High voltage phenomenon & insulation 3yr - 1st Inst.	Individual	16,112	11
Rahe, J.E. Biolog. Sciences Simon Fraser	Biology and control of onion white rot 3yr - 1st Inst.	Individual	35,233	03
Rahman, M. Math/Statistics Carleton	Basic hypergeometric series and orthogonal polynomials 3yr - 1st Inst.	Individual	11,759	16
Rahman, M. Applied Math. Tech. Univ. N.S.	Waves and thermal stratification in large bodies of water 3yr - 2nd Inst.	Individual	3,294	16
Rahman, M.A. Electrical Eng. Memorial	Development of hysteresis and permanent magnet motors 3yr - 3rd Inst.	Individual	13,835	11
Rahman, Q.I. Math/statistiques Montréal	Certains problèmes dans la théorie des fonctions et la théorie de l'approximation 3ans - 1er vers.	Individuelle	29,397	16
Rahn, J. Opér./syst. de déc Laval	* Voir J.L.Malouin(Laval) 3ans - 1er vers.	Equipe		20
Rainville, J. Mathématiques Qué.-Trois-Riv.	* Chercheur principal G.R.Brisson(Qué.-Trois-Rivières) 3ans - 3e vers.	Equipe		01
Raithby, G.D. Mechanical Eng. Waterloo	Analysis of fluid flows with heat and mass transfer 3yr - 1st Inst.	Individual	40,810	13
Rajagopalan, V. Ingénierie Qué.-Trois-Riv.	Recherche et développement de nouveaux convertisseurs électroniques de puissance à rendement amélioré et à faibles répercussions sur le réseau électrique de distribution * avec A.Sevigny,A.Jacob(Qué.-Trois Rivières) 3ans - 3e vers.	Equipe	18,365	11
Rajaratnam, N. Civil Engineering Alberta	1) Hydraulics of effluent & thernal discharges into rivers & lakes, 2) Hydraulics of erosion, 3) Hydraulics of lakes & reservoirs 3yr - 3rd Inst.	Individual	34,893	06
Raju, G.G.R. Electrical Eng. Windsor	Investigation into industrially important electronegative gases 3yr - 1st Inst.	Individual	15,476	11
Ramachandran, V. Electrical Eng. Concordia	A study of multivariable networks with applications to two-dimensional digital signal processing 3yr - 3rd Inst.	Individual	25,465	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ramalho, R.S. Génie chimique Laval	Thermodynamique (calorimétrie et propriétés PVT des fluides), traitement des eaux résiduaires industrielles 3ans - 3e vers.	Individuelle	21,303	04
Ramamurthy, A.S. Civil Engineering Concordia	1) Applications of 2-dimensional branching flow theory to specific open channel models 2) Characteristics of cavitation damage and noise 3yr - 2nd Inst.	Individual	26,500	06
Raman, S. Epid. & Comm. Med. Ottawa	1) Application of nonparametric density estimation techniques 2) Competing risk analysis 3) Generalized risk measures and biological interaction 3yr - 2nd Inst.	Individual	1,749	14
Ramanath, M.V.S. Computer Science Western Ontario	Global code optimization	Individual	11,147	07
Ramaswami, B. Metal/Mat. Science Toronto	Creep - fatigue - environmental interactions 3yr - 3rd Inst.	Individual	21,303	04
Ramsay, J.O. Psychology McGill	The statistical basis of psychological scaling 3yr - 3rd Inst.	Individual	20,813	12
Ramsey, H. Mechanical Eng. British Columbia	Buckling of plates and shells	Individual	6,360	13
Ramshaw, R.S. Electrical Eng. Waterloo	Modelling, analysis and simulation of converters and machines for power system stability studies 3yr - 1st Inst.	Individual	9,222	11
Ranalli, G. Geology Carleton	Role of rheology in geodynamics 3yr - 3rd Inst.	Individual	14,080	10
Rand, R.P. Biolog. Sciences Brock	Interactions and fusion of membranes; electrophysiology of cultured neurons 3yr - 2nd Inst.	Individual	53,000	02
Randall, D.J. Zoology British Columbia	The control and regulation of CO2 and H+ transfer across respiratory epithelia, especially the gills of fish 3yr - 1st Inst.	Individual	80,560	01
Rangacharyulu, C. Physics Saskatchewan	Nuclear structure studies by electron and hadron probes	Individual	26,500	22
Rangayyan, R.M. Electrical Eng. Manitoba	Heart imaged as sound source (HISS) * with G.F.N.Collins, R.Gordon(Manitoba) 3yr - 1st Inst.	Team	16,536	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ranger, K.B. Mathematics Toronto	Low Reynolds Hydrodynamics 3yr - 2nd Inst.	Individual	21,200	16
Rankin, D. Physics Alberta	Magnetotellurics and micropulsations 3yr - 3rd Inst.	Individual	24,486	10
Rankin, G.W. Mechanical Eng. Windsor	Fluidic control devices using non-Newtonian fluids 3yr - 2nd Inst.	Individual	13,462	13
Rankin, S.A. Mathematics Western Ontario	Semigroups and automata 3yr - 3rd Inst.	Individual	6,325	16
Rao, B.G. Biology Mt. St. Vincent	The role of membrane lipids in opiate receptor-effector interactions in cultured neuroblastoma cells 2yr - 1st Inst.	Individual	11,660	02
Rao, J.N.K. Math/Statistics Carleton	1) Analysis of survey data; 2) Optimal designs 3yr - 1st Inst.	Individual	40,000	14
Rao, N.D. Electrical Eng. Calgary	State estimation in power systems 3yr - 1st Inst.	Individual	15,158	11
Raouf, A. Industrial Eng. Windsor	Investigations pertaining to combined manual and decision tasks 3yr - 3rd Inst.	Individual	16,650	20
Raphael, R. Mathematics Concordia	Topics in ring theory 3yr - 2nd Inst.	Individual	4,236	16
Rapport, E.W. Zoology Toronto	Developmental homeostasis 3yr - 3rd Inst.	Individual	12,856	01
Rapson, W.H. Chem Eng/App Chem Toronto	Wood chemistry 3yr - 3rd Inst.	Individual	67,337	04
Rashid, M.H. Electrical Eng. Concordia	Dynamic characteristics and efficiency improvements of variable speed motor drives	Individual	14,734	11
Rasmussen, H. Applied Math. Western Ontario	Analysis of free surface problems with applications to petroleum reservoir engineering and non-traditional methods of metal machining 3yr - 3rd Inst.	Individual	6,937	16
Rasper, V.R. Food Science Guelph	Water soluble pentosans in soft wheat flour 3yr - 1st Inst.	Individual	18,273	03
Rastall, P. Physics British Columbia	1) Gravitational radiation from orbiting bodies 2) Locality in quantum mechanics 3yr - 1st Inst.	Individual	14,840	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rau, M.E. Parasitology McGill	Experimental parasitology 3yr - 3rd Inst.	Individual	17,140	01
Rauch, J.C. Zoology Manitoba	Temperature regulation: Adaptations in energy utilization by endotherms in temperate zone environments 3yr - 3rd Inst.	Individual	12,611	01
Rauk, A. Chemistry Calgary	Theoretical and experimental study of optical activity of organic and organometallic systems * with D.F.Tavares(Calgary) 3yr - 2nd Inst.	Team	23,320	05
Rauser, W.E. Botany & Genetics Guelph	Metal binding in plants: role in metal tolerance and normal development 3yr - 3rd Inst.	Individual	24,486	03
Rawlings, N.C. Vet. Phys. Sci. Saskatchewan	The control of gonadotropin secretion in the ewe	Individual	18,780	01
Ray, M. Anatomy Manitoba	Localization of gene(s) using cytological features 3yr - 3rd Inst.	Individual	19,589	02
Rayburn, M.C. Mathematics Manitoba	Topologies, proximities, and extensions 3yr - 2nd Inst.	Individual	2,353	16
Raymond, G.P. Civil Engineering Queen's	Railroad track and geotechnical support design 3yr - 2nd Inst.	Individual	32,860	06
Raymond, J. Informatique Ottawa	Studies in the architecture of high level language machine 3ans - 2e vers.	Individuelle	5,056	07
Razavy, M. Physics Alberta	Scattering theory and many-body problem 3yr - 1st Inst.	Individual	20,479	15
Read, J.D. Psychology Lethbridge	Rehearsal, recognition and reproduction of pictorial stimuli 3yr - 3rd Inst.	Individual	3,673	12
Read, L.A.A. Physics Wilfrid Laurier	Collision-induced absorption in gases and gas mixtures 3yr - 2nd Inst.	Individual	9,148	15
Read, R.C. Combin./Optimiz. Waterloo	Application of computer techniques to graph-theoretical and combinatorial problems 3yr - 1st Inst.	Individual	25,251	07
Reader, R.J. Botany & Genetics Guelph	Modelling the dynamics of plant populations: Importance of soil moisture 3yr - 1st Inst.	Individual	8,480	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Readyhough, P.J. Chemical Eng. Waterloo	Coal and coke research 3yr - 1st Inst.	Individual	8,851	04
Reardon, E.J. Earth Sciences Waterloo	Modelling water chemical evolution in the unsaturated and saturated zones/ion pair dissociation constants/silicate mineral dissolution kinetics 3yr - 3rd Inst.	Individual	22,037	10
Reddy, S.P. Physics Memorial	Molecular spectroscopy with infrared, laser, and optical methods 3yr - 1st Inst.	Individual	28,694	15
Redekop, D. Mechanical Eng. Ottawa	Non-symmetric elastostatic problems of hollow cylinders and tori	Individual	10,388	13
Redmann, R.E. Crop Science Saskatchewan	Physiological ecology of grasses	Individual	16,260	03
Redwood, R.G. Civ Eng/App Mech McGill	1) Instability in elasto-plastic webs 2) Framing action with composite beams 3yr - 3rd Inst.	Individual	27,547	06
Reed, J.K. Chemistry Toronto	Structural and dynamic properties of the Na+-channel in biomembranes 3yr - 3rd Inst.	Individual	24,486	02
Reed, T.E. Zoology Toronto	Factors affecting responses of intact mice to acute alcohol 3yr - 1st Inst.	Individual	28,665	01
Reed, W.J. Mathematics Victoria	Applications of age-structured population models 3yr - 1st Inst.	Individual	3,710	18
Reeleder, R.D. Plant Science Macdonald Coll.	Ecology and epidemiology of antagonists of Sclerotinia spp. 3yr - 1st Inst.	Individual	15,900	03
Rees, C.E. Geology & Chemistry McMaster	Studies in isotope geochemistry 2yr - 2nd Inst.	Individual	10,600	10
Reeve, D.W. Chemical Eng. Toronto	Pulp mill research 3yr - 2nd Inst.	Individual	16,960	04
Reeve, J. Electrical Eng. Waterloo	Investigation of high voltage AC DC power systems 3yr - 2nd Inst.	Individual	32,012	11
Reeves, L.W. Chemistry Waterloo	The study of orientationally ordered finite micelle systems by NMR and other techniques 3yr - 1st Inst.	Individual	64,130	05
Reeves, M.J. Geological Sciences Saskatchewan	Characterization of fractured rock masses 2yr - 1st Inst.	Individual	15,370	10

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Regan, D.M. Physiology Dalhousie	Visual information processing that underlies the perception of motion in man 3yr - 2nd Inst.	Individual	56,922	12
Regier, H.A. Zoology Toronto	Role of temperature in ecological production of harvestable fish	Individual	26,500	18
Reha-Krantz, L.J. Genetics Alberta	Studies on the biochemical basis of mutation 2yr - 2nd Inst.	Individual	21,200	02
Reid, D.M. Biology Calgary	Plant hormones as transducer/amplifiers of environmental change and stress 3yr - 3rd Inst.	Individual	44,075	03
Reid, I. Mater. Sci. Group Western Ontario	Materials for ion beam writing of integrated circuit masks and conductors 3yr - 2nd Inst.	Individual	13,462	04
Reid, J. Eng. Physics McMaster	Investigations of molecular gas lasers 3yr - 1st Inst.	Univ. Research Fellow	37,100	15
Reid, J. Botany Manitoba	Taxonomy, pathology, and sporulation of the Ascomvcetes and related conidial forms * with J.A.Dowsett(Winnipeg) 3yr - 1st Inst.	Team	12,910	03
Reid, J.G. Phys./Health Ed. Queen's	Postural muscle balance through analysis of force capabilities of in situ human muscle	Individual	10,872	01
Reid, L.D. Aerospace Studies Toronto	Manned-simulator studies/ground and flight vehicles 3yr - 3rd Inst.	Individual	21,426	13
Reid, N. Mathematics British Columbia	Nonparametric methods in the analysis of survival data 3yr - 3rd Inst.	Individual	4,970	14
Reid, R.G.B. Biology Victoria	Nutrition and digestion in bivalvia 3yr - 1st Inst.	Individual	17,791	01
Reif, Z.F. Mechanical Eng. Windsor	Noise reduction and control of automatic machine tools 3yr - 2nd Inst.	Individual	15,900	13
Reifel, C.W. Anatomy Queen's	Enteroendocrine cells in the teleostean digestive tract 3yr - 2nd Inst.	Individual	7,042	01
Reilly, I.G. Engineering Laurentian	Hydrometallurgical production of pigment grade zinc oxide 3yr - 1st Inst.	Individual	10,176	04
Reilly, N.R. Mathematics Simon Fraser	Varieties of certain classes of algebras 3yr - 3rd Inst.	Individual	15,233	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Reilly, P.M. Chemical Eng. Waterloo	Parameter estimation in engineering models 3yr - 2nd Inst.	Individual	19,822	04
Reimer, K.J. Chemistry Victoria	Synthetic and solution investigations of metalloporphyrin chemistry 3yr - 1st Inst.	Individual	14,310	05
Reinbergs, E. Crop Science Guelph	Evaluation of recurrent selection based upon pure lines produced by the doubled haploid method in barley 3yr - 1st Inst.	Individual	35,233	03
Reinsborough, V.C. Chemistry Mount Allison	Kinetics, structure and solubilization in micellar solutions and microemulsions 3yr - 1st Inst.	Individual	16,258	05
Reis, C.M. Mathematics Western Ontario	Semigroups, automata and languages 3yr - 1st Inst.	Individual	3,430	16
Reischer, C. Mathématiques Qué.-Trois-Riv.	Méthodes informationnelles pour prendre décision dans l'incertain 3ans - 3e vers.	Individuelle	6,325	16
Reiswig, H.M. Redpath Museum McGill	Distribution and ecological significance of Prokaryotic endosymbioses in shallow-water Marine communities 3yr - 1st Inst.	Individual	16,960	18
Reisz, R.R. Zoology Toronto	Adaptive radiation of Paleozoic reptiles 3yr - 2nd Inst.	Individual	22,790	01
Reiter, R. Computer Science British Columbia	Logical foundations for artificial intelligence and database theory 3yr - 1st Inst.	Individual	32,479	07
Reitsma, S.Y. Agricult. Eng. Manitoba	Bioengineering aspects of machine milking 3yr - 2nd Inst.	Individual	15,900	21
Remole, A. Optometry Waterloo	Border enhancement as an index of visual performance 3yr - 3rd Inst.	Individual	17,753	12
Rempel, G.L. Chemical Eng. Waterloo	Catalytic properties of transition metal compounds 3yr - 1st Inst.	Individual	41,128	04
Rendell, L.A. Comp. & Info. Sc. Guelph	Genetic and nonlinear penetrance learning systems	Individual	9,415	07
Renner, L.E. Mathematics York	Structure and classification of algebraic monoids 3yr - 1st Inst.	Individual	3,180	16
Rennie, D.A. Soil Science Saskatchewan	Studies on the nitrogen problem in chernozemic soils 3yr - 2nd Inst.	Individual	34,980	03

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Renninger, G.H. Physics Guelph	Circadian rhythms of invertebrate visual systems 3yr - 3rd Inst.	Individual	20,568	01
Renouf, D. Psychology Memorial	Studies of echolocation, maternal and social behaviour, and speed determination in harbour seals 3yr - 3rd Inst.	Individual	18,977	01
Repka, J. Mathematics Toronto	Group representations and orbital integrals 3yr - 3rd Inst.	Individual	5,712	16
Resnick, L. Physics Carleton	Elementary particle physics at several hundred GeV energy 3yr - 3rd Inst.	Individual	4,286	15
Revusky, S.H. Psychology Memorial	Drug-drug conditioning 3yr - 1st Inst.	Individual	40,280	12
Reyes, G.E. Math/statistiques Montréal	Géométrie différentielle synthétique 3ans - 3e vers.	Individuelle	19,042	16
Reynolds, P.H. Physics/Geology Dalhousie	K-Ar, 40Ar/39Ar geochronology, paleomagnetism, oxygen isotopic studies 3yr - 3rd Inst.	Individual	22,037	10
Reynolds, W.F. Chemistry Toronto	2D N.M.R. and structures of natural products, chemometrics and substituent effects 3yr - 1st Inst.	Individual	31,800	05
Reza, F. Electrical Eng. Concordia	Operator theoretic approach for circuits & systems 3yr - 3rd Inst.	Individual	11,753	11
Rezansoff, T. Civil Engineering Saskatchewan	Performance of lapped splices in reinforced concrete 3yr - 2nd Inst.	Individual	12,720	06
Rhemtulla, A.H. Mathematics Alberta	Topics in infinite solvable groups 3yr - 3rd Inst.	Individual	14,080	16
Rhodes, E. Chemical Eng. Waterloo	Transport phenomena in multiphase systems 3yr - 1st Inst.	Individual	23,108	04
Ribenboim, P. Math/Statistics Queen's	Arithmetical questions in algebra and geometry 3yr - 1st Inst.	Individual	24,498	16
Ribes, L. Math/Statistics Carleton	The structure of profinite groups 3yr - 3rd Inst.	Individual	11,425	16
Ribner, H.S. Aerospace Studies Toronto	Aeroacoustics and unsteady aerodynamics * with W.G.Richarz(Toronto) 3yr - 1st Inst.	Team	46,958	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rice, J.B. Physics Brandon	Spectroscopic studies of CP stars 3yr - 2nd Inst.	Individual	6,360	17
Rice, W.B. Mechanical Eng. Queen's	Friction in metalworking processes 3yr - 1st Inst.	Individual	17,172	13
Rich, N.H. Physics Memorial	Raman spectroscopy of molecular crystals	Individual	10,600	15
Richard, P.J.H. Géographie Montréal	Paléophytogéographie Post-Wisconsinienne du Québec 3ans - 2e vers.	Individuelle	29,680	18
Richard, S. Génie électrique Sherbrooke	Robots avec vision artificielle 3ans - 1er vers.	Individuelle	11,660	11
Richards, G.D. Math/Comp Science Brandon	The use of established and derivation of novel algorithms for the finite-elementsolution of Non-Newtonian fluid flow problems	Individual	3,180	16
Richards, G.G. Metallurgical Eng. British Columbia	The fundamentals and industrial applications of slag processing 3yr - 1st Inst.	Individual	13,780	04
Richards, W.R. Chemistry Simon Fraser	1) Chlorophyll synthesis enzymology; 2) Localization of light-harvesting proteins 3yr - 3rd Inst.	Individual	11,631	02
Richardson, M.F. Chemistry Brock	1) Metal complexes 2) X-ray structure determinations 3yr - 2nd Inst.	Individual	19,610	05
Richarz, W.G. Aerospace Studies Toronto	* Refer to H.S.Ribner(Toronto) 3yr - 1st Inst.	Team		13
Richer, H.B. Geophys./Astron. British Columbia	1) Late-type stars in nearby Galaxies 2) Faint photometry in globular clusters	Individual	24,380	17
Richmond, L.B. Combin./Optimiz. Waterloo	Asymptotic enumeration 3yr - 2nd Inst.	Individual	8,472	16
Rickards, J. Forestry Eng. New Brunswick	The productivity of maintenance labor in tree-harvesting operations	Individual	10,600	20
Riddell, C. Veter. Pathol. Saskatchewan	Leg weakness in domestic poultry 3yr - 1st Inst.	Individual	8,896	01
Riddell, J. Mathematics Victoria	Additive prime number theory 3yr - 3rd Inst.	Individual	2,380	16
Riding, R.T. Biology New Brunswick	The shoot apex and shoot development in conifers 3yr - 2nd Inst.	Individual	12,720	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rieckhoff, K.E. Physics Simon Fraser	Optical studies of energy transfer processes and weak molecular interactions in liquids and low temperature solids * with E.M.Voigt(Simon Fraser) 3yr - 2nd Inst.	Team	45,230	15
Riehm, C.R. Mathematical Sci. McMaster	Quadratic and hermitian forms 3yr - 1st Inst.	Individual	15,678	16
Riemenschneider, S.D. Mathematics Alberta	Approximation of functions of one and several variables 3yr - 1st Inst.	Individual	15,678	16
Rigaud, M.A.J. Génie métall. Ecole Polytechnique	Etudes physico-chimiques en métallurgie extractive et sidérurgie 3ans - 1er vers.	Individuelle	27,878	04
Rimrott, F.P.J. Mechanical Eng. Toronto	Research in engineering mechanics 3yr - 2nd Inst.	Individual	17,596	13
Ring, R.A. Biology Victoria	Cold hardiness and freezing tolerance of insects, with special emphasis on Arctic insects 3yr - 2nd Inst.	Individual	10,600	01
Ringuet, M. Chimie - biologie Qué.-Trois-Riv.	Synthèse de dimères de porphyrines d'intérêt photosynthétique	Individuelle	15,900	05
Rink, R.E. Electrical Eng. Alberta	Information processing in feedback control 3yr - 2nd Inst.	Individual	9,699	11
Riordon, J.S. Sys Eng/Comp Sci. Carleton	Communications and control 3yr - 2nd Inst.	Individual	12,826	11
Rising, J.D. Zoology Toronto	Studies of geographic variation, evolution, and systematics of birds and other vertebrates 3yr - 1st Inst.	Individual	21,200	18
Risk, M.J. Geology McMaster	1) Paleontology of Arctic bivalves 2) Biological destruction of reef frameworks	Individual	25,970	10
Ristic, V. Electrical Eng. Toronto	Acoustic, acousto-optic, and integrated optics devices 3yr - 3rd Inst.	Individual	29,383	11
Ritchie, J.C. Botany Toronto	Vegetation dynamics and paleoecology of Beringia 3yr - 2nd Inst.	Individual	55,120	18
Riva, J. Geology Laval	Taxonomy and biostratigraphy of Ordovician and Lower Silurian graptolites 3yr - 2nd Inst.	Individual	12,402	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rival, I. Math/Statistics Calgary	Ordered sets and their applications 3yr - 2nd Inst.	Individual	20,945	16
Rivers, C.J.S. Earth Sciences Memorial	Metamorphic and structural studies in the Grenville, Slave and Churchill provinces 2yr - 1st Inst.	Individual	11,660	10
Rivest, L.P. Mathématiques Laval	Données directionnelles bivariées 3ans - 2e vers.	Individuelle	5,247	14
Rizk, F.A.M. Génie électrique McGill	Gaz isolants électronégatifs et isolateurs pollués 3ans - 1er vers.	Individuelle	18,656	11
Rizkalla, S.H. Civil Engineering Manitoba	Shear and torsional strength of thin stemmed reinforced concrete members 3yr - 1st Inst.	Individual	15,900	06
Robak, E.W. Forestry Eng. New Brunswick	Development of a forest operations planning model	Individual	8,480	20
Robb, E.J. Botany & Genetics Guelph	Ultrastructure of host-parasite interactions 2yr - 1st Inst.	Univ. Research Fellow	22,037	03
Robblee, A.R. Animal Science Alberta	The role of dietary factors in the nutrition of chicks and poults 3yr - 2nd Inst.	Individual	27,560	01
Roberge, A.G. Diététique Laval	Effets de la protéine de la diète sur la résistance au stress chez l'animal * avec M.R.Boulay,J.Sévigny(Laval) 3ans - 3e vers.	Equipe	18,365	01
Roberge, F.A. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Robert, M. Psychologie Montréal	Apprentissage de la conservation par observation: Analyse des processus 3ans - 1er vers.	Individuelle	11,342	12
Roberts, D.C.S. Psychology Carleton	Neural mechanisms of drug induced repetitive behaviour 3yr - 1st Inst.	Individual	8,480	12
Roberts, L.E. Psychology McMaster	Mechanisms of visceral learning 3yr - 3rd Inst.	Individual	15,304	12
Roberts, L.G. Math/Statistics Queen's	Algebraic K-theory and commutative algebra 3yr - 3rd Inst.	Individual	19,042	16
Roberts, M.C. Geography Simon Fraser	The geomorphology and stratigraphy of the alluvial sediments of the lower Fraser River, B.C.	Individual	6,360	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Roberts, W.A. Psychology Western Ontario	Studies of animal memory 3yr - 1st Inst.	Individual	25,440	12
Robertson, A.A. Chemistry McGill	Surface chemistry of polymers 3yr - 3rd Inst.	Individual	6,122	05
Robertson, A.M. Psychology McGill	Neural substrates of the psychoactive effects of amphetamine and neuroleptic drugs 3yr - 3rd Inst.	Univ. Research Fellow	14,692	12
Robertson, B.C. Physics Queen's	* Refer to J.M.A.Poutissou(British Columbia)	Project		22
Robertson, B.C. Physics Queen's	* Refer to M.D.Hasinoff(British Columbia)	Project		22
Robertson, B.C. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
Robertson, B.E. Physics/Astronomy Regina	X-ray crystallography * with R.Barton(Regina) 3yr - 3rd Inst.	Team	17,140	05
Robertson, D.G.E. Physical Education British Columbia	Kinetics and sequencing of muscle contractions in powerful human performances	Individual	9,885	01
Robertson, L.P. Physics Victoria	* Refer to B.L.White(British Columbia)	Project		22
Robertson, L.P. Physics Victoria	* Refer to G.R.Mason(Victoria)	Project		22
Robertson, P.K. Civil Engineering British Columbia	Development of in-situ tests for off-shore soils 3yr - 1st Inst.	Univ. Research Fellow	13,780	06
Robertson, R.J. Biology Queen's	Selective forces and the evolution of breeding strategies in birds 3yr - 1st Inst.	Individual	53,000	18
Robertson, R.M. Biology McGill	Neural control of flight 3yr - 1st Inst.	Univ. Research Fellow	21,200	01
Robichaud, Y. INRS - Energie Québec - INRS	Traitement en parallèle appliqué aux problèmes de réseaux électriques 3ans - 3e vers.	Individuelle	8,570	11
Robillard, L. Génie civil Ecole Polytechnique	Transfert de chaleur et mouvements induits dans un fluide 3ans - 3e vers.	Individuelle	15,304	13
Robillard, P.N. Génie électrique Ecole Polytechnique	Système automatique d'aide à l'entretien des logiciels 3ans - 1er vers.	Individuelle	10,918	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Robin, J. Biologie Sherbrooke	Caractérisation physico-chimique des virus des poissons: Etude des caractéristiques biomoléculaires et du mode d'expression du génome du virus du Bluegill 3ans - 1er vers.	Individuelle	11,660	02
Robin, P.Y.F. Geology Toronto	Rock deformation: mechanisms, and effects on fluid flow, metamorphic reactions and melting 3yr - 2nd Inst.	Individual	23,320	10
Robins, M.J. Chemistry Alberta	Compounds related to nucleic acids 3yr - 1st Inst.	Individual	51,059	05
Robinson, A.M. Electrical Eng. Alberta	Absorption in CO2 at elevated temperatures 3yr - 1st Inst.	Individual	17,691	15
Robinson, C.W. Chemical Eng. Waterloo	Development of novel bioprocesses and bioreactors 3yr - 2nd Inst.	Individual	23,888	04
Robinson, D.B. Chemical Eng. Alberta	The phase behavior of hydrocarbon and related materials 3yr - 2nd Inst.	Individual	40,810	04
Robinson, E.A. Chemistry Toronto	Problems in structural chemistry: 1) C-H hydrogen bonding; 2) Bent-bonds; 3) Vibrational constants and chemical bonding 3yr - 3rd Inst.	Individual	7,958	05
Robinson, G.A. Biomed Sciences Guelph	Mineral metabolism and vitellogenesis in poultry and Japanese quail 3yr - 1st Inst.	Individual	16,232	01
Robinson, G.G.C. Botany Manitoba	1) Ecology of hypolimnetic phytoplankton 2) Ecology of periphytic algal communities 3yr - 1st Inst.	Individual	19,080	18
Robinson, J.M. Mathematical Sci. Lakehead	Scotch pebbles	Individual	5,000	07
Robinson, P.T. Geology Dalhousie	Petrology, structure and origin of the ocean crust	Individual	28,090	10
Robson, J.M. Physics McGill	Ultra-cold and very-cold neutrons; neutron shielding	Individual	18,000	22
Rocheleau, M. Géologie Laval	Stratigraphie sédimentologie et géologie économique de la formation de Duparquet d'âge Archéen, Abitibi, Québec 2ans - 2e vers.	Individuelle	10,600	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rochester, M.G. Earth Sciences Memorial	Theoretical global geophysics and planetary physics 3yr - 2nd Inst.	Individual	31,482	10
Rochon, F.D. Chimie Québec-Montréal	Synthèse et étude de complexes de platine * avec R.Melanson, P.C.Kong(Univ. du Qué.-Montréal) 3ans - 1er vers.	Equipe	23,320	05
Rochon, G. Photogrammetrie Laval	Analyse numérique des données recueillies par télédétection 3ans - 3e vers.	Individuelle	14,692	06
Rockman, G.E. Psychology Winnipeg	5-Hydroxytryptamine uptake blockade and voluntary ethanol intake 3yr - 1st Inst.	Individual	9,000	12
Rod, D.L. Math/Statistics Calgary	Averaging, reduction, and symmetry in Hamiltonian systems 3yr - 2nd Inst.	Individual	11,295	16
Rodda, M. Educational Psych. Alberta	Cognition and communication in the hearing handicapped 3yr - 2nd Inst.	Individual	6,890	12
Roder, J.C. Micro/Immunology Queen's	Human monoclonal antibodies against tetanus toxoid 2yr - 1st Inst.	Individual	22,500	02
Rodkiewicz, C.M. Mechanical Eng. Alberta	Arterial blood flow; Lubrication 3yr - 1st Inst.	Individual	31,164	13
Rodrigo, R.G.A. Chemistry Wilfrid Laurier	Synthesis of natural products 2yr - 1st Inst.	Individual	33,039	05
Rodrigues, C.G. Geology Windsor	Paleoecologic and stratigraphic significance of foraminiferida, ostracoda, and macrofossils from deposits in the Western Champlain sea basin 2yr - 1st Inst.	Individual	11,660	10
Roe, P.H.O. Systems Design Waterloo	Graph theoretic modelling & analysis of physical systems 3yr - 3rd Inst.	Individual	10,284	11
Roeder, P.L. Geological Sciences Queen's	Electron microprobe and experimental study of basaltic rocks 3yr - 3rd Inst.	Individual	28,159	10
Roeder, R.C. Astronomy Toronto	Cosmological investigations 3yr - 3rd Inst.	Individual	28,159	17
Roff, D.A. Biology McGill	Phenological adaptation in crickets 3yr - 3rd Inst.	Individual	24,486	18
Roff, J.C. Zoology Guelph	Partitioning of energy resources between zooplankton and zoobenthos 3yr - 2nd Inst.	Individual	28,090	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rogers, C. Applied Math. Waterloo	Application of Backlund transformations in continuum mechanics 3yr - 2nd Inst.	Individual	15,059	16
Rogers, J.S. Industrial Eng. Toronto	Models for pre-investment planning of capacity expansion 3yr - 1st Inst.	Individual	17,490	20
Rogers, J.T. Mech. & Aeronaut. Carleton	Mixing, heat transfer and optimization problems in nuclear reactors 3yr - 3rd Inst.	Individual	17,140	13
Rogers, P.A. Physical Education Laval	Molecular cloning of five major mammalian muscle structural proteins 3yr - 1st Inst.	Individual	19,080	02
Rogers, R.J. Mechanical Eng. New Brunswick	Simulation and experimental studies of heat exchanger tube vibration including interaction with fluid-filled, flexible clearance supports 3yr - 2nd Inst.	Individual	18,444	13
Rogers, R.R. Meteorology McGill	Studies in precipitation physics * with W.F.Hitschfeld(McGill) 3yr - 2nd Inst.	Team	22,048	17
Rogers, T.D. Mathematics Alberta	Applications of mathematics to problems in biology 3yr - 2nd Inst.	Individual	9,532	16
Rogerson, R.J. Earth Sciences Memorial	Cirque glaciers in Northern Labrador	Individual	7,420	10
Rohan, K. Génie civil Sherbrooke	Susceptibilité des argiles à l'érosion et modélisation du phénomène 3ans - 3e vers.	Individuelle	13,467	06
Rohani, S. Chemical Eng. Saskatchewan	Self optimization of batch reactors; mixing and fast chemical reactions 3yr - 1st Inst.	Individual	13,780	04
Roitberg, B.D. Biolog. Sciences Simon Fraser	Foraging for hosts: Fruit parasites as model systems 3yr - 1st Inst.	Individual	21,200	18
Rokne, J.G. Computer Science Calgary	Interval computations 3yr - 2nd Inst.	Individual	20,955	07
Rolfsen, D.P.O. Mathematics British Columbia	Topology of manifolds and knot theory 3yr - 2nd Inst.	Individual	4,236	16
Rollin, A.L. Génie chimique Ecole Polytechnique	Technologie des procédés de polymérisation en régime continu 3ans - 3e vers.	Individuelle	13,957	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rollman, G.B. Psychology Western Ontario	Psychophysical studies of touch and pain 3yr - 2nd Inst.	Individual	25,970	12
Rollo, C.D. Biology McMaster	An integrated study of the ethology, physiology and ecology of an invertebrate using systems analysis 2yr - 1st Inst.	Univ. Research Fellow	25,440	18
Romaniuk, P.J. Biochem./Microbiol. Victoria	Structure of 5S RNA - protein complexes 3yr - 1st Inst.	Univ. Research Fellow	26,500	02
Romero, D. Mechanical Eng. Ottawa	An application of network flow theory to the unit commitment problem	Individual	10,000	11
Romo, W.J. Physics Carleton	Nuclear reaction studies 3yr - 3rd Inst.	Individual	4,286	15
Ronald, K. Zoology Guelph	Ecophysiology of pinnipeds 3yr - 1st Inst.	Individual	34,748	01
Rood, S.B. Biology Lethbridge	Physiology of heterosis in poplars and maize 3yr - 1st Inst.	Univ. Research Fellow	14,800	03
Rooney, P.G. Mathematics Toronto	Integral operators 3yr - 2nd Inst.	Individual	11,295	16
Roorda, J. Civil Engineering Waterloo	The stability and dynamics of structures 3yr - 3rd Inst.	Individual	24,241	06
Roots, B.I. Zoology Toronto	The nervous system and acclimation to temperature change 3yr - 1st Inst.	Individual	22,260	02
Rosa, A. Mathematical Sci. McMaster	Steiner systems 3yr - 3rd Inst.	Individual	16,458	16
Rose, K. Civil Engineering Queen's	Capacity of At-grade intersections 3yr - 3rd Inst.	Individual	13,467	06
Rose, M.R. Biology Dalhousie	Evolutionary biology of Drosophila life history 3yr - 3rd Inst.	Univ. Research Fellow	23,262	18
Rosebrugh, R.D. Math/Comp Science Mount Allison	Applications of indexed category theory 3yr - 2nd Inst.	Individual	3,824	16
Rosen, L.M. Mathematics British Columbia	Quantum field models 3yr - 3rd Inst.	Individual	19,589	16
Rosenberg, H.I. Biology Calgary	The venom glands of rear-fanged snakes 3yr - 1st Inst.	Individual	5,387	01

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rosenberg, I.G. Centre de rech math Montréal	Clones et relations; structures discrètes 3ans - 2e vers.	Individuelle	23,531	16
Rosenthal, P. Mathematics Toronto	Operators on Hilbert space 3yr - 3rd Inst.	Individual	19,042	16
Roshko, R.M. Physics Manitoba	Ultra-low temperature studies of dilute magnetic systems 3yr - 3rd Inst.	Univ. Research Fellow	17,543	15
Rosner, S.D. Physics Western Ontario	Molecular beam studies of molecular structure 3yr - 1st Inst.	Individual	20,405	15
Ross, D.M. Zoology Alberta	Behavioral physiology of animal interactions involving sea anemones 3yr - 2nd Inst.	Individual	24,380	01
Ross, J.V. Geology British Columbia	Structure and mechanical properties of silicate minerals: structural studies in central B.C. 3yr - 1st Inst.	Individual	23,320	10
Ross, P. Biolog. Sciences Montréal	Plankton ecology of Precambrian shield lakes of the SBUM 3yr - 2nd Inst.	Individual	18,020	18
Ross, W.D. Kinesiology Simon Fraser	Growth and form of human and non-human primates	Individual	6,360	01
Ross, W.R. Physics New Brunswick	Basis states for equivalent electrons and the Lie group U(2l+1) x SU(2) 3yr - 1st Inst.	Individual	1,060	15
Rossant, J. Biolog. Sciences Brock	Cell lineages and cell interactions in early mouse development 3yr - 3rd Inst.	Individual	28,159	02
Rossmann, W.T. Mathematics Ottawa	Representations of reductive groups 3yr - 2nd Inst.	Individual	9,823	16
Rostoker, G. Physics Alberta	Geomagnetic activity in the auroral zone 3yr - 1st Inst.	Individual	69,960	17
Rotem, D. Computer Science Waterloo	1) Distributed algorithms 2) Multikey searching using principle components	Individual	15,648	07
Roth, C.K. Mathematics McGill	Systematic individual and general investigations of the atomic spectra in the palladium and platinum groups 3yr - 3rd Inst.	Individual	4,897	15
Rothfels, K.H. Botany Toronto	Studies on chromosome structure, biochemistry and evolution 3yr - 1st Inst.	Individual	40,280	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rothstein, S.M. Chemistry Brock	1) Electron correlation studies 2) Statistics on discrete chemical data 3yr - 3rd Inst.	Individual	17,753	05
Roughley, R.E. Entomology Manitoba	Systematics and evolution of water beetles 3yr - 1st Inst.	Individual	15,370	18
Rouleau, D. Génie chimique Ecole Polytechnique	Biocinétique réactionnelle appliquée au développement de réacteurs enzymatiques et biologiques * avec R.C.Mayer(Ecole Polytechnique) 3ans - 1er vers.	Equipe	22,578	04
Roulston, D.J. Electrical Eng. Waterloo	Characterization of semiconductor devices from physical (fabrication) data and investigation of their performance in particular circuits 3yr - 3rd Inst.	Individual	52,880	11
Roumi, E. Fac. of Eng. Sci. Western Ontario	Optimization in a simultaneous equation solving environment	Individual	3,180	16
Round, G.F. Mechanical Eng. McMaster	Fluid mechanics: Theoretical studies, solid-liquid flows, rheology 3yr - 2nd Inst.	Individual	23,214	13
Rouse, G.E. Botany British Columbia	Paleogene paleoclimates in southern and interior B.C. 3yr - 2nd Inst.	Individual	15,900	10
Rouse, W.R. Geography McMaster	Energy and water balance studies in the low and high Arctic 3yr - 3rd Inst.	Individual	24,486	10
Rousell, D.H. Geology Laurentian	Geology and mineralization of the Wanapitei complex, Ontario 2yr - 1st Inst.	Individual	9,010	10
Rousseau, C. Math/statistiques Montréal	Déformations verselles et bifurcations en présence d'une symétrie 3ans - 2e vers.	Chercheur-boursier univ.	3,180	16
Rousseau, J.M. Infor. & rech opér. Montréal	Méthodes de planification et d'affectation des ressources dans les organismes de transport 3ans - 2e vers.	Individuelle	38,372	20
Rousseau, L. Génie industriel Ecole Polytechnique	Comptabilisation des ressources humaines (CRH)	Individuelle	10,600	20
Rousseau, P. Mathématiques Québec-Montréal	Analyses de données multinomiales 3ans - 1er vers.	Individuelle	2,148	14
Rousseau, R. Psychologie Laval	Facteurs métriques et structuraux dans les jugements de durées brèves 3ans - 3e vers.	Individuelle	8,570	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rousselet, J. Génie mécanique Ecole Polytechnique	Comportement dynamique de tuyaux courbes contenant un liquide en écoulement 3ans - 1er vers.	Individuelle	14,780	13
Rousselle, J. Génie civil Ecole Polytechnique	Intégration détermino-stochastique des caractéristiques hydrologiques des petits bassins versants 3ans - 3e vers.	Individuelle	17,140	06
Roustan, J.L.A. Chimie Ottawa	Iron nitrosyl and related complexes 2ans - 1er vers.	Individuelle	21,558	05
Routledge, D. Electrical Eng. Alberta	Angular and spectral broadening by the solar corona, mapping a supernova remnant, and a new type of correlation receiver 3yr - 2nd Inst.	Individual	13,780	17
Routledge, R.D. Mathematics Simon Fraser	Improving statistical methodology in population biology and renewable resource management 3yr - 1st Inst.	Individual	14,500	18
Rowe, D.J. Physics Toronto	Theoretical studies of nuclear structure and collective dynamics 3yr - 1st Inst.	Individual	42,400	15
Rowe, R.D. Mechanical Eng. Calgary	Atmospheric turbulent dispersion and pollutant chemistry of stack plumes 3yr - 3rd Inst.	Individual	10,897	04
Rowe, R.K. Civil Engineering Western Ontario	Geotechnical analysis and its implementation in design 2yr - 2nd Inst.	Individual	19,040	10
Rowlands, N. Mining/Metal. Eng. McGill	Electron beam analysis of fine grained ore minerals and their residues during processing 3yr - 2nd Inst.	Individual	13,568	04
Roy, A.G. Géographie Montréal	La géométrie des confluences de cours d'eau 2ans - 1er vers.	Individuelle	11,660	10
Roy, C. Génie mécanique Sherbrooke	Caractérisation de la résistance et prévision de la durée de vie d'un composite graphite-epoxy par la théorie d'endommagement 3ans - 1er vers.	Individuelle	13,780	04
Roy, C. Génie chimique Sherbrooke	Valorisation de la biomasse et des charbons en combustibles et en produits chimiques 2ans - 1er vers.	Chercheur-boursier univ.	18,136	04
Roy, D. Physique Laval	Spectroscopie atomique et moléculaire par mesures différentielles et intégrales de diffusion d'électrons dans les gaz 3ans - 3e vers.	Individuelle	23,004	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Roy, D.W. Sciences de la terre Québec-Chicoutimi	Analyse structurale du socle dans la région du Haut-Saguenay, Québec 3ans - 2e vers.	Individuelle	9,010	10
Roy, E.A. Kinesiology Waterloo	Manual asymmetries in response organization/execution processes 3yr - 1st Inst.	Individual	13,780	12
Roy, G. Physics Alberta	* Refer to D.A.Hutcheon(Alberta)	Project		22
Roy, G. Physics Alberta	* Refer to R.Abegg(Alberta)	Project		22
Roy, G. Physics Alberta	IEP-56 - Charge symmetry * with R.Abegg,G.A.Moss,W.J.McDonald, C.A.Miller,L.G.Greeniaus, G.M.Stinson(Alberta)	Project	78,750	22
Roy, G. Physics Alberta	* Refer to W.C.Olsen(Alberta)	Project		22
Roy, G. Physics Alberta	* Refer to C.A.Miller(Alberta)	Project		22
Roy, G. Physics Alberta	* Refer to W.T.H.Van Oers(Manitoba)	Project		22
Roy, G. Génie électrique Ecole Polytechnique	Variateur à réglage numérique du facteur de déplacement 3ans - 1er vers.	Individuelle	10,812	11
Roy, G. Physique Montréal	Transport ionique membranaire 3ans - 2e vers.	Individuelle	23,320	02
Roy, J.R. Physique Laval	Etude des regions hII galactiques et extragalactiques 3ans - 1er vers.	Individuelle	13,780	17
Roy, M. Génie civil Laval	Capacité portante des pieux flottants dans les argiles 3ans - 1er vers.	Individuelle	15,900	06
Roy, P.H. Biochimie Laval	Structure and expression of genes coding for beta-lactamases and for DNA restriction and modification enzymes 3ans - 1er vers.	Individuelle	20,140	02
Roy, R. Infor. & rech opér. Montréal	Modélisation de séries chronologiques 3ans - 1er vers.	Individuelle	7,516	14
Roy, R. Physique Laval	Phénomènes de polarisation dans les réactions (3He,p) 3ans - 3e vers.	Chercheur-boursier univ.	40,863	22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Roy, R.M. Biolog. Sciences Concordia	Modification by tocopherol of cell lethality, mutagenesis, and repair processes following X-irradiation 3yr - 2nd Inst.	Individual	14,840	02
Royer, A. Aménagement Sherbrooke	Corrections atmosphériques des images satellites de télédétection; applications aux études de pollution atmosphérique	Individuelle	10,600	17
Royer, A. Mathématiques appl. Montréal	Mécanique statistique irréversible des gaz neutres et ionisés, avec applications en spectroscopie 3ans - 3e vers.	Individuelle	9,183	15
Ruben, H. Mathematics McGill	Stochastic geometry and statistical mechanics 3yr - 1st Inst.	Individual	15,033	14
Rubin, G.A. Physics Laurentian	Acoustic emissions from particulate matter 3yr - 2nd Inst.	Individual	6,360	15
Rubin, L.J. Chemical Eng. Toronto	New processes for the utilization of rapeseed 3yr - 2nd Inst.	Individual	27,560	04
Ruby, S.M. Biology Concordia	Effects of sublethal cyanide on yolk deposition in rainbow trout 3yr - 3rd Inst.	Individual	9,183	01
Rucklidge, J.C. Geology Toronto	Geological studies using ultra-sensitive and x-ray analysis 3yr - 1st Inst.	Individual	23,320	10
Rudd, J.W.M. Biology Winnipeg	* Refer to C.A.Kelly(Winnipeg) 2yr - 1st Inst.	Team		10
Ruddick, B.R. Oceanography Dalhousie	The role of interleaving in ocean mixing 2yr - 1st Inst.	Individual	12,720	10
Rudin, A. Chem & Chem Eng. Waterloo	Some aspects of polymer science 3yr - 3rd Inst.	Individual	42,116	04
Rujimethabhas, M. Chemistry Lakehead	1) Diffusion-kinetics of alkyl radicals with polymers 2) Electro-dilatometry of simple liquids	Individual	15,900	05
Rule, B.G. Psychology Alberta	The development of a schema and its impact on text processing 3yr - 2nd Inst.	Individual	10,600	12
Rule, S.J. Psychology Alberta	Judgements of perceptual magnitudes 3yr - 3rd Inst.	Individual	20,813	12
Runeckles, V.C. Plant Science British Columbia	Effects of air pollution on vegetation 3yr - 3rd Inst.	Individual	15,916	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Runnalls, D.J.C. Industrial Eng. Toronto	Economic improvements to the CANDU nuclear fuel cycle	Individual	5,300	21
Runquist, W.N. Psychology Alberta	Interference in human learning and forgetting 3yr - 2nd Inst.	Individual	11,660	12
Rusak, B. Psychology Dalhousie	Neurophysiological basis of circadian organization 3yr - 2nd Inst.	Individual	23,320	12
Rush, C.K. Mechanical Eng. Queen's	Two-phase thermosyphons 3yr - 1st Inst.	Individual	11,080	13
Ruskey, F. Computer Science Victoria	Research in combinatorial algorithms 3yr - 1st Inst.	Individual	11,748	07
Russell, A.D. Civil Engineering British Columbia	Building design and construction decision methodologies 3yr - 2nd Inst.	Individual	12,720	06
Russell, A.P. Biology Calgary	Investigation of the mechanical properties of the mammalian secondary palate 3yr - 1st Inst.	Individual	18,780	01
Russell, D.C. Mathematics York	Sequence and function spaces, approximation theory, limitation methods 3yr - 2nd Inst.	Individual	11,295	16
Russell, K.E. Chemistry Queen's	Studies of polymer structure and polymerization mechanisms	Individual	19,610	05
Russell, K.P. Mathematics McGill	Algebraic geometry of affine spaces 3yr - 2nd Inst.	Individual	18,825	16
Russell, L.S. Geology Toronto	The Cretaceous-Tertiary transition in central Alberta 3yr - 3rd Inst.	Individual	7,346	10
Russell, L.T. Mechanical Eng. Tech. Univ. N.S.	Cable stayed arch systems * with R.C.Gilkie(T.U.N.S.)	Team	4,240	13
Russell, M.A. Genetics Alberta	Genetic control of developmental pathways in Drosophila 3yr - 3rd Inst.	Individual	33,056	02
Russell, R.D. Mathematics Simon Fraser	Numerical solution of differential equations 3yr - 2nd Inst.	Individual	19,895	07
Russell, R.D. Geophys./Astron. British Columbia	1) Isotopic investigations 2) Geophysical instrumentation 3yr - 2nd Inst.	Individual	42,400	10
Russell, S.O.D. Civil Engineering British Columbia	Techniques for design, planning and management of water resource systems 3yr - 3rd Inst.	Individual	17,753	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Rust, B.R. Geology Ottawa	Studies of alluvial sedimentation in relation to coal deposits 3yr - 2nd Inst.	Individual	21,200	10
Ruthven, D.M. Chemical Eng. New Brunswick	Adsorption separation processes 3yr - 2nd Inst.	Individual	44,096	04
Rutter, J.W. Metal/Mat. Science Toronto	Solidification of metallic and non-metallic materials 3yr - 1st Inst.	Individual	16,430	04
Rutter, N.W. Geology Alberta	Amino acid dating techniques and Quaternary history of parts of Alberta, British Columbia, Yukon and Northwest Territories 3yr - 3rd Inst.	Individual	32,444	10
Ruus, E. Civil Engineering British Columbia	1) Water hammer caused by water column separation in low, medium and high head pump discharge lines: 2) Water hammer in pipe networks	Individual	13,462	06
Ryall, P.J.C. Geology Dalhousie	Magnetic prooerties of sea floor basalts and structure of mid-ocean ridges 2yr - 1st Inst.	Individual	12,720	10
Ryan, D.E. Chemistry Dalhousie	Determination of metals and trace inorganics 3yr - 2nd Inst.	Individual	53,000	05
Ryan, D.G. Physics McGill	Project 82.03 Charmonium and direct photon production by pion, p and p bar at 300 GeV/c * with D.G.Stairs(McGill)	Project	425,775	23
Ryan, D.G. Physics McGill	Project 78.02 Mu+mu- production in p bar N interactions * with D.G.Stairs(McGill)	Project	51,975	23
Ryan, E.B. Psychiatry McMaster	The development of operational efficiency, rehearsal strategies, and working memory in native and non-native speakers 3yr - 1st Inst.	Individual	9,010	12
Ryan, P.J. Mathematical Sci. McMaster	Computer graphics and geometry	Individual	5,300	07
Ryder, J.P. Biology Lakehead	Breeding ecology and behaviour of colonial nesting birds 3yr - 2nd Inst.	Individual	25,440	18
Rye, R.T.B. Chemistry Concordia	Studies in organic mass spectrometry 3yr - 3rd Inst.	Individual	7,346	05
Saatcioglu, M. Civil Engineering Toronto	Reinforced concrete columns subjected to biaxial load reversals 2yr - 1st Inst.	Univ. Research Fellow	18,338	06

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sabidussi, G.O. Math/statistiques Montréal	Décompositions de graphes 3ans - 1er vers.	Individuelle	11,759	16
Sabin, G.C.W Math/Statistics Memorial	Boundary value problems in elasticity and viscoelasticity 3yr - 2nd Inst.	Individual	3,413	16
Sabina, L.R. Biology Windsor	1) Proteolytic activation of influenza virus infectivity 2) Protease susceptibility of polypeptides of herpesvirus types 1 and 2 3yr - 1st Inst.	Individual	10,600	02
Sabourin, M. Psychologie Montréal	Les corrélats électrophysiologiques de la suggestibilité hypnotique 3ans - 2e vers.	Individuelle	12,720	12
Sachdev, M.S. Electrical Eng. Saskatchewan	1) Power system protection by on-line digital processors 2) Multi-terminal high voltage D.C. terminals 3yr - 1st Inst.	Individual	25,016	11
Sackston, W.E. Plant Science Macdonald Coll	Epidemiology and biology of selected plant diseases 3yr - 1st Inst.	Individual	22,344	03
Sadana, K.L. Chemistry Manitoba	Nucleoside chemistry and synthesis of oligonucleotides 3yr - 2nd Inst.	Individual	5,300	05
Sadana, Y.N. Chemistry Laurentian	Electrodeposition of metals & alloys 3yr - 2nd Inst.	Individual	13,462	04
Sadler, G.W. Mechanical Eng. Alberta	Solar insolation and HVAC component models 3yr - 1st Inst.	Individual	11,872	13
Sadowski, C.M. Chemistry York	* Refer to S.V.Filseth(York) 2yr - 1st Inst.	Team		05
Safayeni, F. Management Sciences Waterloo	Optimization of work design	Individual	6,360	20
Safe, S.H. Chemistry Guelph	Halogenated aromatics - biologic and toxic effects 3yr - 2nd Inst.	Individual	37,100	21
Saimoto, S. Metallurgical Eng. Queen's	Yielding and plastic flow of textured polycrystaline aggregates and amorphous constituents 3yr - 1st Inst.	Individual	19,398	04
Sainsbury, R.S. Psychology Calgary	Hippocampal pathway lesions and behavior 3yr - 2nd Inst.	Individual	12,720	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Saint-Jacques, R.G. INRS - Energie Québec - INRS	Etude du comportement d'alliages technologiques sous irradiation par des ions légers 3ans - 2e vers.	Individuelle	17,808	04
Sakmar, I.A. Applied Math. Western Ontario	High energy scattering 3yr - 2nd Inst.	Individual	11,989	15
Salahub, D.R. Chemistry Montréal	Theoretical studies on metal clusters 3yr - 1st Inst.	Individual	30,919	05
Salama, C.A.T. Electrical Eng. Toronto	Semiconductor devices and integrated circuits: design, characterization and applications 3yr - 3rd Inst.	Individual	41,626	11
Salansky, N. Aerospace Studies Toronto	Interaction of shock-waves with solids and new materials	Individual	14,310	04
Salcudean, M. Mechanical Eng. Ottawa	1) Heat transfer in turbulent flow with buoyant forces 2) Heat transfer in rewetting 3) Flow stability in parallel channels 3yr - 2nd Inst.	Individual	35,722	13
Sale, D.G. Physical Education McMaster	Hypertrophy vs hyperplasia in skeletal muscle and adaptation in cardiac muscle in response to heavy resistance training in humans * with J.D.MacDougall(McMaster) 2yr - 1st Inst.	Team	13,780	01
Saleh, A.K.E. Math/Statistics Carleton	Nonparametric statistical inference 3yr - 2nd Inst.	Individual	7,526	14
Saleuddin, A.S.M. Biology York	Endocrinology in molluscs 3yr - 1st Inst.	Individual	46,456	01
Salin, E.D. Chemistry McGill	New instrumentation for multielement analysis by atomic emission spectrometry 2yr - 1st Inst.	Individual	10,600	05
Salinas, J.J. Civil Engineering Carleton	Behaviour of wood structures with metal plate connectors 3yr - 2nd Inst.	Individual	12,720	06
Salkauskas, K. Math/Statistics Calgary	Multivariate interpolation 3yr - 1st Inst.	Individual	2,450	16
Salomon, M. Physics British Columbia	* Refer to D.F.Measday(British Columbia)	Project		22
Samanta, M. Statistics Manitoba	Statistical inference of the mean of a normal population with known coefficient of variation 3yr - 3rd Inst.	Individual	1,456	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Samarasekera, I.V. Metallurgical Eng. British Columbia	Heat transfer processes in rolling mills	Individual	15,900	04
Sami, S.M. Inst de génie nucl. Ecole Polytechnique	Etude des modèles du circuit primaire du caloporteur et leurs effets sur les instabilités induites au sein de l'écoulement	Individuelle	11,554	13
Samoiloff, M.R. Zoology Manitoba	Genetic control of developmental processes using as an experimental model the freeliving nematode Panagrellus redivivus	Individual	10,600	02
Sampson, J.R. Computer Science Alberta	Modelling and simulation of adaptive systems	Individual	23,618	07
Sams, J.R. Chemistry British Columbia	Mössbauer, magnetic and EPR studies of paramagnetic iron complexes 3yr - 2nd Inst.	Individual	21,200	05
Samson, J.C. Physics Alberta	Studies of ULF magnetic fields, and plasma waves in the Earth's magnetosphere 2yr - 1st Inst.	Univ. Research Fellow	29,150	17
Samuel, W.M. Zoology Alberta	Importance of muscleworm for big game of Western Canada 3yr - 3rd Inst.	Individual	28,159	18
Sancho, N.G.F. Mathematics McGill	Mathematical optimization in biology, economics and operations research 3yr - 2nd Inst.	Individual	3,294	16
Sanctuary, B.C. Chemistry McGill	Statistical mechanics of orientable molecules 3yr - 2nd Inst.	Individual	23,320	05
Sandblom, C.L. Quantitative Method Concordia	Decomposition methods for discrete-time optimal control	Individual	3,180	16
Sander, F. Inst. Oceanography McGill	The effect of various environmental factors on selected marine fauna of Barbados	Individual	4,240	18
Sanderson, K.E. Biology Calgary	Genetics and biochemistry of Salmonella typhimurium and other enteric bacteria 3yr - 2nd Inst.	Individual	46,640	02
Sandhu, H.S. Physics Victoria	Nuclear spin relaxation in liquids and solids 3yr - 3rd Inst.	Individual	6,122	15
Sandorfy, C. Chimie Montréal	Spectrochimie moléculaire 3ans - 2e vers.	Individuelle	68,900	05
Sands, G.W. Math/Statistics Calgary	Combinatorics of lattices and partially ordered sets 3yr - 3rd Inst.	Individual	4,286	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sanford, L.M. Animal Science Macdonald Coll.	Factors controlling and affecting fertility of boars 3yr - 3rd Inst.	Individual	12,243	01
Sankar, S. Mechanical Eng. Concordia	1) Dynamic modelling, simulation, and optimization of hydro-mechanical systems 2) Vibration of continuous mechanical systems: optimization and control 3yr - 2nd Inst.	Individual	25,175	13
Sankar, T.S. Mechanical Eng. Concordia	Dynamic response and reliability of mechanical systems under deterministic and stochastic forces 3yr - 2nd Inst.	Individual	32,754	13
Sankoff, D Mathématiques appl. Montréal	Problèmes de linguistique mathématique et biologie mathématique 3ans - 3e vers.	Individuelle	35,505	18
Sankoff, D. Centre de rech math Montréal	La compréhension et l'évolution du language génétique * avec R.J.Cedergren,G.Lapalme(Montréal) 2ans - 2e vers.	Coop	42,400	02
Santi, A. Psychology Wilfrid Laurier	Information processing by pigeons 3yr - 3rd Inst.	Individual	6,122	12
Santoro, N. Computer Science Carleton	Distributed computations and algorithms	Individual	10,175	07
Santry, D.P. Chemistry McMaster	Theoretical solid state chemistry 2yr - 1st Inst.	Individual	21,200	05
Saravanamuttoo, H.I.H. Mech. & Aeronaut. Carleton	Gas turbine performance studies 3yr - 3rd Inst.	Individual	19,589	13
Sargent, C.M. Mechanical Eng. Saskatchewan	Deformation mechanisms and shape memory effects in crystalline polymers 3yr - 1st Inst.	Individual	15,688	04
Sargious, M. Civil Engineering Calgary	Efficient use of energy in the transportation sector 3yr - 2nd Inst.	Individual	21,200	06
Sarhan, F. Sciences biolog. Québec-Montréal	Régulation physiologique et génétique chez le blé lors du phénomène d'endurcissement au froid 3ans - 3e vers.	Individuelle	9,794	03
Sarjeant, W.A.S. Geological Sciences Saskatchewan	Fossil dinoflagellate cysts and acritarchs; morphology, evolutionary relationships and application in palaeoecology and biostratigraphy 3yr - 2nd Inst.	Individual	29,680	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sarndal, C.E. Math/Statistics Montréal	Statistical inference procedures for censuses and surveys with emphasis on problems with data collected by government statistical agencies 3yr - 1st Inst.	Individual	19,800	14
Sarwal, S.N. Eng . Math. Tech. Univ. N.S.	Periodic flow of viscous fluid in distenstible branching tube 3yr - 1st Inst.	Individual	8,480	13
Sastri, C.C.A. Mathematics Dalhousie	Stochastic modelling: information theory and statistical mechanics 3yr - 3rd Inst.	Individual	1,428	16
Sastry, K.V.L. Physics New Brunswick	Microwave spectra of astrophysically significant molecules 3yr - 1st Inst.	Individual	11,406	15
Satinder, K.P. Psychology Lakehead	Role of genotype in behavioral and pharmacological analysis	Individual	11,130	12
Sattler, R.O. Biology McGill	Developmental and theoretical plant morphology 3yr - 3rd Inst.	Individual	25,710	03
Satyaprakash, B.R. Mechanical Eng. Manitoba	Fine structure in turbulent fluid flow	Individual	13,780	13
Sauer, E.K. Civil Engineering Saskatchewan	Terrain evaluation for environmental impact assessment 3yr - 2nd Inst.	Individual	21,200	06
Sauer, N.W. Mathematics Calgary	Problems in discrete mathematics and universal algebra	Individual	11,759	16
Sauer, W.C. Animal Science Alberta	Evaluation of protein quality using pigs fitted with intestinal and pancreatic cannulae 3yr - 2nd Inst.	Individual	17,384	01
Saunders, J.K. Chimie Sherbrooke	Les applications chimiques de la RMN	Individuelle	28,812	05
Saunders, S.R. Anthropology McMaster	A S.E.M. study of the growth patterns of human bone 3yr - 1st Inst.	Individual	10,600	01
Saunderson, H.C. Geography Wilfrid Laurier	Flume experiments on stratification and hydraulic interpretation of eskers 3yr - 3rd Inst.	Individual	15,304	10
Sauve, R. Physique Montréal	Etude des canaux ioniques membranaires par les méthodes d'analyse de bruit et de canaux isolés 3ans - 3e vers.	Individuelle	15,916	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Savage, G.J. Systems Design Waterloo	Modelling and computer implementation of graph-theoretic discrete models of continuum problems 3yr - 1st Inst.	Individual	15,370	06
Savage, S.B. Civ Eng/App Mech McGill	Flow of bulk solids 3yr - 2nd Inst.	Individual	31,058	13
Savard, J.Y. Génie électrique Laval	Recherches sur les étalons de fréquence 3ans - 3e vers.	Individuelle	8,448	11
Savard, P. Génie bio-méd. Ecole Polytechnique	* Voir R.Guardo(Ecole Polytechnique) 3ans - 1er vers.	Equipe		11
Savoie, R. Chimie Laval	Etude de structures moléculaires et cristallines à l'aide de méthodes spectroscopiques 3ans - 2e vers.	Individuelle	18,020	05
Sawa, T. Botany Toronto	Studies on the charophytes	Individual	8,460	03
Sawhney, V.K. Biology Saskatchewan	Developmental studies on tomato mutants 3yr - 1st Inst.	Individual	17,213	03
Sawyer, E.T. Mathematical Sci. McMaster	Multipliers of Besov and Hardy spaces 3yr - 3rd Inst.	Individual	1,428	16
Sayer, M. Physics Queen's	Transport in glasses and complex oxides 3yr - 2nd Inst.	Individual	28,588	15
Sayre, J.E. Mathematics Mt. St. Vincent	A study of generalized Hausdorff matrices 3yr - 1st Inst.	Individual	2,450	16
Scadding, S.R. Zoology Guelph	Limb regeneration and carcinogenesis in amphibians 3yr - 2nd Inst.	Individual	10,070	01
Scagel, R.F. Botany British Columbia	Marine algal flora 3yr - 1st Inst.	Individual	23,033	03
Scanlon, A. Civil Engineering Alberta	Finite element analysis of reinforced concrete structures 3yr - 1st Inst.	Individual	14,840	06
Scanlon, P.J. Physics Queen's	* Refer to W.McLatchie(Queen's)	Team		22
Scarfe, C.D. Physics Victoria	Studies of binary, multiple and variable stars 3yr - 3rd Inst.	Individual	12,243	17
Scarfe, C.M. Geology Alberta	Physical and chemical properties of silicate melts of geological interest 2yr - 2nd Inst.	Individual	22,260	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Schaefer, T.P. Chemistry Manitoba	Magnetic resonance in chemistry 3yr - 1st Inst.	Individual	52,700	05
Schaeffer, L.R. Animal/Poultry Sc. Guelph	Methodology for studying genetic evaluation programs in cattle 3yr - 2nd Inst.	Individual	10,600	18
Schaible, S. Fin. & Manag. Sci. Alberta	Generalized convexity and fractional programming 3yr - 2nd Inst.	Individual	8,472	16
Scharer, J.M. Chemical Eng. Waterloo	Anaerobic digestion of cellulosic wastes 3yr - 3rd Inst.	Individual	10,284	04
Scheffer, J.R. Chemistry British Columbia	Studies in mechanistic and synthetic organic chemistry 3yr - 2nd Inst.	Individual	30,210	05
Scheibling, R. Biology Dalhousie	Community structure and dynamics in an urchin-dominated barren ground 3yr - 2nd Inst.	Univ. Research Fellow	19,080	18
Schellenberg, P.J. Combin./Optimiz. Waterloo	A study of generalized Howell designs of index 1 3yr - 3rd Inst.	Individual	5,508	16
Schenk, K.F. Electrical Eng. Ottawa	Power system planning and reliability evaluation 3yr - 1st Inst.	Individual	17,278	11
Schenk, P.E. Geology Dalhousie	Sedimentologic-stratigraphic studies of early through late paleozoic sedimentary rocks of Nova Scotia	Individual	15,900	10
Scherk, J.P. Mathematics Alberta	Deformations of isolated hypersurface singularities 3yr - 3rd Inst.	Individual	1,428	16
Scherk, P. Mathematics Toronto	Research in geometry 3yr - 2nd Inst.	Individual	5,600	16
Schey, J.A. Mechanical Eng. Waterloo	Material and interface effects in metal deformation 3yr - 3rd Inst.	Individual	30,608	13
Schiff, H. Physics Alberta	Stable solitons with virial constraints 3yr - 2nd Inst.	Individual	9,148	15
Schiff, H.I. Chemistry York	1) Kinetics of reactions of atmospheric and interstellar interest; 2) Measurement of trace constituents in the atmosphere 3yr - 3rd Inst.	Individual	42,851	05
Schiller, E.J. Civil Engineering Ottawa	Renewable energy technologies in rural water supply 3yr - 2nd Inst.	Individual	15,900	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Schirmer, H.H. Mathematics Carleton	Properties of fixed points and fixed point sets 3yr - 3rd Inst.	Individual	8,570	16
Schlesinger, M. Physics Windsor	Physical properties of ionic crystals containing defects (or impurities) in excited states 3yr - 3rd Inst.	Individual	40,219	15
Schloessin, H.H. Geophysics Western Ontario	Physical properties (mechanical, thermal, electrical, optical, magnetic) of matter under conditions of planetary interiers 3yr - 1st Inst.	Individual	36,040	10
Schlomiuk, D. Math/statistiques Montréal	Bifurcations des équations différentielles 3ans - 1er vers.	Individuelle	3,033	16
Schmid, G.H. Chemistry Toronto	Chemistry of thiiranium ions	Individual	19,080	05
Schmidt, G.E.J. Mathematics McGill	Control theory for partial differential equations 3yr - 2nd Inst.	Individual	8,472	16
Schmidt-Weinmar, H.G. Electrical Eng. Alberta	Inverse problem with subwavelength sources 3yr - 1st Inst.	Individual	10,600	15
Schneider, B.A. Psychology Toronto	Nonmetric scaling of sensory events 3yr - 3rd Inst.	Individual	24,486	12
Schneider, G.E. Mechanical Eng. Waterloo	Selected problems in heat transfer and fluid flow analysis 3yr - 2nd Inst.	Individual	20,543	13
Schneider, M.H. Forest Resources New Brunswick	Wood chemicals interactions 3yr - 1st Inst.	Individual	18,444	04
Schoenau, G.J. Mechanical Eng. Saskatchewan	Fluid power control systems and passive solar and energy conservation in buildings 3yr - 1st Inst.	Individual	7,950	13
Schofield, W.B. Botany British Columbia	Systematic and geographic studies of bryophytes and lichens	Individual	19,440	03
Schom, C.B. Biology New Brunswick	Salmo salar precocious male parr as a selection mode for resistance to environmental toxicants and economically important traits 3yr - 3rd Inst.	Individual	9,794	01
Schonfield, A.E.D. Psychology Calgary	Age changes in attention switching and effortful encoding 3yr - 3rd Inst.	Individual	8,570	12
Schott, L.W. Physics Saskatchewan	* Refer to H.M.Skarsgard(Saskatchewan) 3yr - 1st Inst.	Team		15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Schrack, G.F. Electrical Eng. British Columbia	Computer graphics for interactive automated design	Individual	5,234	07
Schreiber, H.P. Chemical Eng. Ecole Polytechnique	Composition-property relationships in polymer systems 3yr - 3rd Inst.	Individual	39,667	04
Schreier, H. Soil Science British Columbia	Spectral reflection measurements to predict chemical soil and terrain conditions 2yr - 1st Inst.	Individual	10,600	10
Schrempf, H.I. Biology Dalhousie	Genetic instability in streptomyces 3yr - 1st Inst.	Individual	31,800	02
Schrobilgen, G.J. Chemistry McMaster	1) Fluorine chemistry of the noble gases 2) Zintl anions 2yr - 1st Inst.	Univ. Research Fellow	24,380	05
Schroeder, J. Civil Engineering Waterloo	Elasticity, plasticity, fracture and break of shells and intersecting shells	Individual	31,800	06
Schroeder, J. Géographie Québec-Montréal	Les sediments detritiques et chimiques des grottes de gaspesie 2ans - 1er vers.	Individuelle	10,600	10
Schubert, C.F. Math/Statistics Queen's	1) Operators commuting with shifts 2) Partial differential equations 3yr - 3rd Inst.	Individual	5,712	16
Schubert, L.K. Computer Science Alberta	Knowledge, inference and language 3yr - 1st Inst.	Individual	21,702	07
Schuegraf, E.J. Math/Comp Science St. F. Xavier	Studies in associative processing 3yr - 3rd Inst.	Individual	18,365	07
Schuepp, P.H. Agric. Chem./Phys. Macdonald Coll.	Micrometeorological model experiments 3yr - 3rd Inst.	Individual	13,467	17
Schultz, P.J. Physics Western Ontario	Surface and near-surface materials research using variable-energy positrons	Univ. Research Fellow	21,200	15
Schumacher, D. Mathematics Acadia	The notion of cardinality in a topos 3yr - 3rd Inst.	Individual	2,039	16
Schwaighofer, J. Civil Engineering Toronto	Cylindrical tubes with cut-outs in flexure 3yr - 2nd Inst.	Individual	15,900	06
Schwarcz, H.P. Geology McMaster	Isotopic geochemistry 3yr - 1st Inst.	Individual	44,520	10
Schwartz, F.W. Geology Alberta	Influence of porous medium structure on contaminant transport 3yr - 3rd Inst.	Individual	27,547	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Schwarz, E.J. Mineral Eng. Ecole Polytechnique	History of vertical movements of the Precambrian shield 3yr - 1st Inst.	Individual	19,080	10
Schwarz, K.P. Civil Engineering Calgary	A three-dimensional anomalous gravity model 3yr - 2nd Inst.	Individual	15,900	06
Schwelb, O. Electrical Eng. Concordia	Wave propagation in integrated surface wave devices 3yr - 1st Inst.	Individual	13,992	11
Schwerdtfeger, C.F. Physics British Columbia	Electron spin resonance studies of impurity centres in semiconductors 3yr - 2nd Inst.	Individual	19,663	15
Schwerdtfeger, H.W.E. Mathematics McGill	On the covariance of the Moore-Penrose inverse of a matrix 2yr - 2nd Inst.	Individual	2,018	16
Schwerdtner, W.M. Geology Toronto	Paleostrain analysis in the Canadian Shield 3yr - 2nd Inst.	Individual	24,380	10
Scoles, G. Chemistry Waterloo	Chemical dynamics, spectroscopy and surface scattering 3yr - 1st Inst.	Individual	78,268	05
Scoles, G.J. Crop Science Saskatchewan	Interspecific gene transfer in the triticeae	Individual	10,600	02
Scott, D.B. Geology Dalhousie	Foraminiferal and thecamoebian distributions in eastern Canada with applications to studies of Holocene-Pleistocene paleoceanography, oxygen isotopes, sea-level and mesozoic biostratigraphy 2yr - 1st Inst.	Univ. Research Fellow	16,960	10
Scott, D.M. Zoology Western Ontario	Reproductive biology of birds 3yr - 3rd Inst.	Individual	1,408	18
Scott, D.S. Chemical Eng. Waterloo	1) Measurement of two phase steam flows 2) Flash pyrolysis of biomass 3yr - 3rd Inst.	Individual	24,976	04
Scott, J.D. Civil Engineering Alberta	1) Foundations on oil sand 2) Consolidation of oil sands tailings sludge 3) Filtration with geotextiles 3yr - 3rd Inst.	Individual	17,140	06
Scott, J.M.W. Chemistry Memorial	Physical chemistry of aqueous equilibria, thermodynamics of non-aqueous solutions and kinetics 3yr - 2nd Inst.	Individual	12,720	05
Scott, M.E. Parasitology Macdonald Coll.	Regulatory role of parasites in host-parasite population dynamics 3yr - 2nd Inst.	Univ. Research Fellow	10,600	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Scott, P.J. Mathematics Ottawa	Higher order categorical logic 3yr - 1st Inst.	Individual	3,430	16
Scott, R.N. Bio-Eng. Institute New Brunswick	Biomedical engineering research 3yr - 3rd Inst.	Individual	45,054	11
Scott, S.D. Geology Toronto	Geology and geochemistry of massive sulfide ores 3yr - 1st Inst.	Individual	40,280	10
Scrimger, J.N. Astronomy Saint Mary's	1) Diffuse interstellar cloud shock-chemistry 2) Stellar evolution in star clusters and associations 3yr - 1st Inst.	Individual	3,180	17
Scudder, G.G.E. Zoology British Columbia	Systematic, morphological, physiological and developmental studies on hemiptera 3yr - 2nd Inst.	Individual	64,660	01
Scudder, G.G.E. Zoology British Columbia	The insect fauna of the Yukon * with G.B.Wiggins(Toronto) 3yr - 3rd Inst.	Co-op	44,075	01
Scuse, D.H. Computer Science Manitoba	A user-friendly system for manipulating statistical databases	Individual	6,003	07
Seabrook, W.D. Biology New Brunswick	Insect chemosensory physiology and behavior 3yr - 1st Inst.	Individual	47,445	01
Seagull, R. Biology Carleton	Study of components and function of plant cytoskeleton 3yr - 3rd Inst.	Univ. Research Fellow	28,143	03
Sealy, S.G. Zoology Manitoba	Ecological aspects of breeding and habitat selection in birds 3yr - 1st Inst.	Individual	27,560	18
Seaquist, E.R. Astronomy Toronto	Studies of radio emitting stars and extragalactic radio sources 3yr - 2nd Inst.	Individual	47,187	17
Seaquist, E.R. Astronomy Toronto	Canadian long baseline array-planning committee activities	Co-op	9,400	29
Searle, C.W. Physics Manitoba	Investigation of magnetic (bubble) films, hard magnetic materials, and semiconductor materials 3yr - 1st Inst.	Individual	35,150	15
Secco, E.A. Chemistry St. F. Xavier	Solid state reaction studies at temperatures up to 1200 degrees C 3yr - 3rd Inst.	Individual	19,589	05
Seckin, M. Civil Engineering Toronto	Seismic design of moment resisting reinforced concrete frames 3yr - 3rd Inst.	Univ. Research Fellow	17,140	06

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sedov, A. Mechanical Eng. Lakehead	Ultrasonic flaw characterization in geometries with flaw-boundary interactions 3yr - 1st Inst.	Individual	7,800	13
Sedra, A.S. Electrical Eng. Toronto	Filter theory and design 3yr - 2nd Inst.	Individual	27,348	11
Sefton, M.V. Chemical Eng. Toronto	Diffusion and transport processes in polymers 3yr - 3rd Inst.	Individual	13,957	04
Segalowitz, N.S. Psychology Concordia	Concept formation with ill-defined categories 3yr - 1st Inst.	Individual	5,300	12
Segalowitz, S.J. Psychology Brock	Concept formation: Brain correlates using ERPs 3yr - 1st Inst.	Individual	11,448	12
Segel, S.L. Physics Queen's	An NMR study of superionic conductors, ferroelastic transitions 3yr - 1st Inst.	Individual	33,761	15
Sego, D.C. Civil Engineering Alberta	Strength and deformation of frozen soil 3yr - 1st Inst.	Individual	12,720	06
Seguin, G. Electrical Eng. Concordia	Error correcting codes and their applications 3yr - 1st Inst.	Individual	12,932	11
Seguin, H.J.J. Electrical Eng. Alberta	High powered laser technology and laser materials science and processing 3yr - 3rd Inst.	Individual	57,787	11
Seguin, M.K. Geology Laval	Paleomagnetism of Quebec Archean greenstone, of Lower Paleozoic American and Baltic Vendian to Devonian rock sequences, and of Avalon microcontinent rock suites 3yr - 2nd Inst.	Individual	9,540	10
Sehgal, S.K. Mathematics Alberta	Studies in group rings 3yr - 3rd Inst.	Individual	23,801	16
Seidenberg, M.S. Psychology McGill	The time course of lexical ambiguity resolution in context 3yr - 3rd Inst.	Individual	9,794	12
Selby, K.A. Civil Engineering Toronto	Energy efficient housing 3yr - 1st Inst.	Individual	11,660	06
Selick, P.S. Mathematics Western Ontario	Homotopy theory 3yr - 3rd Inst.	Univ. Research Fellow	3,673	16
Seligy, V.L. Biology Carleton	Cloning of lysine-rich [illegible] genes from amphibian b[illegible]s 3yr - 3rd Inst.	Individual	9,794	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Selvadurai, A.P.S. Civil Engineering Carleton	Studies in soil-structure interaction 3yr - 1st Inst.	Individual	42,400	06
Sember, J.J. Mathematics Simon Fraser	Topological and number-theoretic aspects of summability 3yr - 3rd Inst.	Individual	2,693	16
Semenoff, G.W. Physics British Columbia	Extended objects in quantum field theory and elementary particle physics 3yr - 1st Inst.	Univ. Research Fellow	10,600	15
Semlyen, A. Electrical Eng. Toronto	Transients in power systems 3yr - 2nd Inst.	Individual	27,518	11
Semple, J.C. Biology Waterloo	Biosystematics of Aster, Heterotheca, Solidago and related genera 3yr - 2nd Inst.	Individual	36,040	18
Sen, D.K. Mathematics Toronto	General relativity and gravitation 3yr - 3rd Inst.	Individual	3,333	16
Sen, P.C. Electrical Eng. Queen's	Thyristor drives and microcomputer control 3yr - 1st Inst.	Individual	20,458	11
Senders, J.W. Industrial Eng. Toronto	Studies on the nature and source of human error 3yr - 1st Inst.	Individual	14,840	20
Sengupta, S.S. Systems Design Waterloo	Identification and stability of probabilistic engineering processes 3yr - 3rd Inst.	Individual	1,428	16
Seoane, J.R. Zootechnie Laval	Neurophysiologie du comportement alimentaire chez le mouton 3ans - 2e vers.	Individuelle	15,900	01
Sernyk, J.L. Plant Science Manitoba	The development and characterization of two cytoplasmic male sterility systems in rape (Brassica napus L.) 3yr - 1st Inst.	Individual	12,720	03
Serodes, J.B. Génie civil Laval	Sédimentation intertidale et pouvoir auto-épurateur de l'estuaire du Saint-Laurent 2ans - 1er vers.	Individuelle	10,600	10
Serpone, N. Chemistry Concordia	Inorganic photochemistry and photophysics 3yr - 2nd Inst.	Individual	28,620	05
Servranckx, R.V. Mathematics Saskatchewan	On storage ring designs	Individual	16,000	23

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Seshadri, V. Mathematics McGill	Characterizations, inverse and generalized inverse gaussian distributions, applications 3yr - 1st Inst.	Individual	8,590	14
Sethi, A.J. Civ Eng/App Mech McGill	Compaction of clay particles in the molecular particle distance range 3yr - 1st Inst.	Individual	10,600	06
Sethi, S.P. Fac. of Management Toronto	Planning horizon procedures in dynamic optimization problems 3yr - 3rd Inst.	Individual	24,486	20
Setterfield, G.A. Biology Carleton	Cytological and biochemical studies of cell organelles in relation to cell division, growth and differentiation 3yr - 2nd Inst.	Individual	49,820	02
Sevcik, K.C. Computer Science Toronto	Analytic modelling and prediction of information system performance 3yr - 1st Inst.	Individual	62,556	07
Sevigny, A. Ingénierie Qué.-Trois-Riv.	* Chercheur principal V.Rajagopalan(Qué.-Trois Rivières) 3ans - 3e vers.	Equipe		11
Sevigny, J. Diététique Laval	* Chercheur principal A.G.Roberge(Laval) 3ans - 3e vers.	Equipe		01
Seviora, R.E. Electrical Eng. Waterloo	Computer system architectures 3yr - 1st Inst.	Individual	15,900	11
Seymour, B.R. Mathematics British Columbia	Large amplitude waves in elastic materials and acoustics 3yr - 1st Inst.	Individual	15,678	16
Seymour, N.R. Biology St. F. Xavier	Eco-ethological and physiological factors influencing the evolution of social systems in ducks 3yr - 3rd Inst.	Individual	7,346	18
Shadwick, W.F. Applied Math. Waterloo	Backlund transformations and integrable partial differential equations 3yr - 3rd Inst.	Univ. Research Fellow	3,796	16
Shafai, L. Electrical Eng. Manitoba	Applied electromagnetics and antennas 3yr - 2nd Inst.	Individual	47,658	11
Shah, A. Civil Engineering Manitoba	Scattering of elastic waves - plane strain case 3yr - 2nd Inst.	Individual	14,840	06
Shah, K. Statistics Waterloo	Inference procedures in linear and non-linear models 3yr - 2nd Inst.	Individual	9,625	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Shah, S.L. Chemical Eng. Alberta	Adaptive control and multivariable frequency domain design techniques 3yr - 1st Inst.	Individual	20,034	04
Shank, C.C. Environ Design Calgary	Sociobiology of chamois and caribou	Individual	5,300	18
Shapiro, L.J. Psychology Manitoba	Attachment behaviour in waterfowl and the mechanisms mediating it-with an emphasis on the effects of the brood in the mallard duck and the giant Canada goose 3yr - 3rd Inst.	Individual	9,183	12
Shapiro, M.M. Ctre.-Build. Stud. Concordia	Compact retrofit building heat storage and solar heaters 3yr - 1st Inst.	Individual	12,508	13
Sharaf, A.M. Electrical Eng. New Brunswick	Study of integrated power systems, efficient utilization of electric energy 3yr - 1st Inst.	Individual	15,370	11
Sharan, S.K. Engineering Laurentian	Dynamic analysis of submerged structures including the fluid-structure interaction effects 3yr - 1st Inst.	Individual	10,000	06
Shargool, P.D. Biochemistry Saskatchewan	Studies on glutamate and ornithine biosynthesis in higher plants 3yr - 2nd Inst.	Individual	25,440	02
Sharma, A. Mathematics Alberta	Cardinal spline interpolation and interpolating function theory 3yr - 1st Inst.	Individual	21,500	16
Sharma, K.S. Physics Manitoba	Direct mass measurements of unstable nuclei 3yr - 2nd Inst.	Univ. Research Fellow	10,600	22
Sharma, S.C. Systems Eng. Regina	Standard classification of Canadian roads and its implications to planning and design of highway system 3yr - 3rd Inst.	Individual	11,019	06
Sharom, F.J. Chemistry Guelph	Role of glycolipids and glycoproteins in lymphocyte activation 2yr - 1st Inst.	Univ. Research Fellow	18,338	02
Sharp, A.R. Physics New Brunswick	Pulsed NMR studies of molecular sorption 3yr - 1st Inst.	Individual	16,271	15
Sharp, J.J. Fac of Engineering Memorial	Mixing characteristics of buoyant jets affected by wave action 3yr - 2nd Inst.	Individual	18,126	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sharp, K.P. Statistics Waterloo	Stochastic processes and their application to pension funding 3yr - 1st Inst.	Individual	4,270	14
Sharp, R.T. Physics McGill	Group theoretical methods in physics 3yr - 1st Inst.	Individual	27,793	15
Sharpe, R.W. Mathematics Toronto	Kupisch rings; unimodular buildings 3yr - 3rd Inst.	Individual	10,611	16
Sharrock, P. Chimie Sherbrooke	Complexes metalliques de nouveaux ligands peptidiques	Individuelle	15,900	05
Shaver, A.G. Chemistry McGill	Synthetic studies in organometallic chemistry 3yr - 2nd Inst.	Individual	19,080	05
Shaw, D.M. Geology McMaster	Geochemical studies of minerals and rocks 3yr - 2nd Inst.	Individual	44,520	10
Shaw, J. Geography Queen's	Sedimentation by rivers and glaciers 3yr - 3rd Inst.	Individual	20,691	10
Shaw, M. Plant Science British Columbia	Studies on host-pathogen relations of obligate fungal parasites	Individual	32,160	03
Shaw, M.L.G. Computer Science York	The human protocol - improving the person-computer interface	Individual	21,200	07
Shaw, S.R. Psychology Dalhousie	Cell physiology, development and ultrastructure of the insect visual lamina 3yr - 2nd Inst.	Individual	15,900	01
Shaw, W.J.D. Mechanical Eng. Calgary	Fatigue and fracture mechanics studies with environmental interaction 3yr - 2nd Inst.	Individual	16,112	13
Shawyer, B.L.R. Mathematics Western Ontario	1) Acceleration of convergence 2) Summability of series and integrals 3yr - 1st Inst.	Individual	8,819	16
Shay, J.M. Botany Manitoba	The effect of fire on Phragmites australis dominated communities 3yr - 2nd Inst.	Individual	8,480	18
Shaykewich, C.F. Soil Science Manitoba	Assessment of soil erosion due to rainfall in Manitoba 2yr - 1st Inst.	Individual	10,600	10
Sheahan, J.N. Statistics Alberta	Robust statistical inference 3yr - 2nd Inst.	Individual	2,438	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sheard, R.W. Land Resource Sc Guelph	Nitrogen utilization by plants: Efficiency of transfer from legume and grass residues 3yr - 1st Inst.	Individual	12,720	03
Sheasby, J.S. Eng Materials Western Ontario	Metal degradation by oxidation corrosion and wear 3yr - 1st Inst.	Individual	13,780	04
Sheikh, A.U.H. Sys Eng/Comp Sci. Carleton	Impulse noise modelling and its application to digital communications over land mobile radio channels	Individual	12,402	11
Sheinin, S.S. Physics Alberta	Transmission electron microscopy 3yr - 2nd Inst.	Individual	41,245	15
Shelton, B.R. Psychology Western Ontario	Psychological assessment of peripheral Function 3yr - 2nd Inst.	Individual	12,402	12
Shelton, D.P. Physics Toronto	Measurement of molecular hyperpolarizabilities by electric-field-induced second-harmonic generation 3yr - 2nd Inst.	Univ. Research Fellow	10,600	15
Shemilt, L.W. Chemical Eng. McMaster	Mass transfer and process dynamics 3yr - 1st Inst.	Individual	25,228	04
Shen, C.Y. Mathematics Simon Fraser	Infinite systems in statistical mechanics; Thermophysics 3yr - 1st Inst.	Individual	1,470	16
Shen, H.C.M. Systems Design Waterloo	Decision-support texture information and analysis system	Individual	14,840	07
Shepherd, G.G. Physics York	Optical investigations of auroral processes and atmospheric structure 3yr - 1st Inst.	Individual	106,000	17
Shepherd, M.A. Computer Science Tech. Univ. N.S.	Development of an EPROM resident intelligent interface for retrieval from a set of bibliographic data bases systems	Individual	5,230	07
Shepherd, M.M. Computer Science York	Empirical magnetospheric models 3yr - 3rd Inst.	Individual	4,897	17
Sheppard, D.M. Physics Alberta	* Refer to P.Kitching(Alberta)	Project		22
Sheppard, D.M. Physics Alberta	Low energy nuclear physics at the University of Alberta 7 MeV van de Graaff * with G.C.Neilson, W.K.Dawson,W.C.Olsen, W.J.McDonald,J.M.Cameron(Alberta)	Team	47,700	22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sherbourne, A.N. Civil Engineering Waterloo	Behaviour and design of steel structures 3yr - 2nd Inst.	Individual	40,280	06
Sherif, H.S. Physics Alberta	Theoretical studies in intermediate energy nuclear reactions	Individual	10,600	15
Sherk, F.A. Mathematics Toronto	Classification of finite translation planes 3yr - 1st Inst.	Individual	2,450	16
Sherman, I.A. Bio-Med Eng. Toronto	Interfacial tension effects in biological systems 3yr - 3rd Inst.	Univ. Research Fellow	18,603	02
Sherry, D.F. Psychology Toronto	Food storage by birds: Spatial memory and economic constraints 2yr - 1st Inst.	Univ. Research Fellow	13,780	12
Shettleworth, S.J. Psychology Toronto	Functions and mechanisms of learning in animals 3yr - 1st Inst.	Individual	30,210	12
Shewchuk, C.F. Fac. of Eng. Sci. Western Ontario	Dynamic simulation using the simultaneous solution method 3yr - 1st Inst.	Individual	14,098	04
Shewchuk, J. Mechanical Eng. Manitoba	1) Increasing the fatigue strength of metallic materials 2) Experimental studies in stress rupture and in cavitation erosion 3yr - 1st Inst.	Individual	14,098	13
Shewen, P.E. Vet. Micro./Immun. Guelph	Bovine immune response to Pasteurella haemolytica 3yr - 1st Inst.	Individual	21,200	01
Shields, D.H. Civil Engineering Manitoba	Insitu deformation properties of undersea permafrost * with L.Domaschuk(Manitoba) 3yr - 3rd Inst.	Team	29,383	06
Shih, I. Electrical Eng. McGill	Investigation of the photo-electronic properties of CuInSe2 in relation to photovoltaic devices 3yr - 2nd Inst.	Univ. Research Fellow	14,628	11
Shin, J.J. Physics Concordia	* Refer to N.W.Eddy(Concordia)	Team		22
Shin, Y.M. Physics Saskatchewan	IEP-96 - Tensor polarization of deuterons in Pi-d scattering * with R.R.Johnson, K.L.Erdman, D.R.Gill(British Columbia), T.E.Drake(Toronto)	Project	89,250	22
Shin, Y.M. Physics Saskatchewan	Study of photonuclear reactions	Individual	44,520	22

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Shinbrot, M. Mathematics Victoria	Fluid mechanics, statistical mechanics, and applied mathematics 3yr - 2nd Inst.	Individual	28,767	16
Shinghal, R. Computer Science Concordia	Optical character recognition and text processing 3yr - 1st Inst.	Individual	12,259	07
Shinozaki, D.M. Mechanical Eng. Western Ontario	Deformation in crystalline polymers 3yr - 2nd Inst.	Individual	16,006	04
Shiva, S.G.S. Electrical Eng. Ottawa	1) Projective geometry codes 2) Error-trapping technique for data compression	Individual	14,204	11
Shivakumar, P.N. Applied Math. Manitoba	Matrices finite and infinite and their applications 3yr - 3rd Inst.	Individual	3,333	16
Shivers, R.R. Zoology Western Ontario	The role of the plasma membrane and cytoskeleton in regeneration of motor nerves and glia in crustacea. An EM-immunocytochemical and freeze-fracture study of cell dynamics	Individual	24,711	01
Shizgal, B. Chemistry British Columbia	Kinetic theory of rate processes with application to aeronomy and space science 3yr - 3rd Inst.	Individual	25,099	05
Shizgal, P. Psychology Concordia	Psychophysical mapping of the substrates for self-stimulation and stimulation-escape 3yr - 2nd Inst.	Individual	23,320	12
Shnider, S.D. Mathematics McGill	Symmetries of gauge fields, minimal coupling and dimensional reduction 3yr - 1st Inst.	Individual	15,678	16
Shoemaker, E.M Mathematics Simon Fraser	Glaciology	Individual	8,480	10
Shoja, G. Computer Science Victoria	Inter-task communications in distributed multiprocessor systems	Individual	11,660	07
Shook, C.A. Chemical Eng. Saskatchewan	Research in fluid-solids systems 3yr - 1st Inst.	Individual	29,468	04
Shorrock, G.E. Mathématiques Québec-Montréal	Robust estimators of the mean of asymmetric distributions 3ans - 2e vers.	Individuelle	3,498	14
Shorthouse, J.D. Biology Laurentian	Biology of insect-induced galls; ecology and systematics of inhabitants, gall morphology and gall physiology 3yr - 2nd Inst.	Individual	20,140	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Shortreed, J.H. Civil Engineering Waterloo	Management of transit systems	Individual	16,960	06
Shoucri, M.M. INRS - Energie Québec - INRS	Etude des propriétés de transport d'un plasma dans un Tokamak 3ans - 2e vers.	Individuelle	3,840	15
Shridhar, M. Electrical Eng. Windsor	Speech and image recognition algorithms 3yr - 1st Inst.	Individual	12,402	11
Shrivastava, S.C. Civ Eng/App Mech McGill	Large deformation and inelastic buckling of structures 3yr - 1st Inst.	Individual	15,900	06
Shrive, N.G. Civil Engineering Calgary	Development of a unified failure theory for clay brick and concrete masonry including the effect of building movements 3yr - 2nd Inst.	Individual	15,900	06
Shuel, R.W. Environ. Biology Guelph	Secretion of systemic insecticides in nectar and their effects on honeybees 3yr - 2nd Inst.	Individual	9,010	01
Shukla, R.C. Physics Brock	Thermodynamic, transport and anharmonic properties of solids 3yr - 3rd Inst.	Individual	13,467	15
Shultz, T.R. Psychology McGill	Causal reasoning and its development 3yr - 2nd Inst.	Individual	26,500	12
Shurvell, H.F. Chemistry Queen's	Infrared and Raman spectroscopy 3yr - 3rd Inst.	Individual	25,099	05
Shuter, W.L.H. Physics British Columbia	Galactic astronomy 3yr - 1st Inst.	Individual	21,200	17
Shwedyk, E. Electrical Eng. Manitoba	Signal processing and modelling 3yr - 1st Inst.	Individual	12,402	11
Sichler, J.J. Mathematics Manitoba	Universal categories of algebras 3yr - 3rd Inst.	Individual	15,233	16
Sid-Ahmed, M.A. Electrical Eng. Windsor	Image processing techniques - algorithms, hardware and applications 3yr - 1st Inst.	Individual	11,024	11
Siddall, J.N. Mechanical Eng. McMaster	Analytical theory of design and development of design algorithms 3yr - 1st Inst.	Individual	29,680	13
Siddiqi, J.A. Mathématiques Laval	Classes quasi-analytiques, fonctions généralisées et l'analyse spectrale 3ans - 1er vers.	Individuelle	8,819	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Siddiqui, Q.A. Geology Saint Mary's	Cenozoic ostracods from drillsites in the MacKenzie Delta and Beaufort Sea	Individual	8,480	10
Sidney, J.B. Management Sciences Ottawa	Computer algorithms: Development and complexity analysis	Individual	12,553	07
Siegel, L. Psychiatry McMaster	Short-term memory processes in children with learning disabilities 3yr - 2nd Inst.	Individual	19,080	12
Siegel, S. Psychology McMaster	Pavlovian conditioning and drug effects 3yr - 2nd Inst.	Individual	38,160	12
Sigmund, P.M. Chemical/Pet. Eng. Calgary	Oil recovery during simultaneous solvent-water displacement 3yr - 2nd Inst.	Individual	13,250	04
Silver, E.A. Management Sciences Calgary	Applications of heuristic solution procedures to problems in industrial engineering and operational research 3yr - 3rd Inst.	Individual	41,626	20
Silver, J.C. Life Sciences Toronto	Nuclear and cytoplasmic proteins in fungi: Regulation by environmental stimuli 3yr - 1st Inst.	Individual	25,440	02
Silverberg, N. Oceanography Québec-Rimouski	Sediment accumulation phenomena in the St. Lawrence Estuary 3yr - 2nd Inst.	Individual	10,600	10
Silvester, P.P. Electrical Eng. McGill	Computer-aided design methods in electromagnetics 3yr - 2nd Inst.	Individual	45,580	11
Silveston, P.L. Chemical Eng. Waterloo	* Principal investigator R.R.Hudgins(Waterloo) 3yr - 3rd Inst.	Team		04
Silvestri, V. Génie civil Ecole Polytechnique	Résistance au cisaillement des argiles de l'est du Canada 2ans - 2e vers.	Individuelle	13,780	10
Sim, J.S. Poultry Science British Columbia	Metabolism of isomeric fats in the laying hen 3yr - 1st Inst.	Individual	8,896	01
Simard, R.E. Vivres Laval	Analysis of biogenic amines in foods 3ans - 3e vers.	Individuelle	11,019	03
Simkin, D.J. Chemistry McGill	Spectroscopic and magneto optical studies of luminescence from solids activated by impurities and/or defects 3yr - 3rd Inst.	Individual	20,201	05
Simmonds, S.H. Civil Engineering Alberta	1) Shells of revolution 2) Reinforced concrete slabs 3yr - 3rd Inst.	Individual	20,201	06

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Simon, J.P. Sciences biolog. Montréal	Adaptation et acclimatation thermique d'écotypes de plantes supérieures au niveau enzymatique	Individuelle	10,960	03
Simony, P.S. Geology Calgary	Tectonics of the Rossland arc 3yr - 1st Inst.	Individual	21,200	10
Simpson, A.M. Physics Dalhousie	Ultrasonic velocity and attenuation in layered compounds 2yr - 2nd Inst.	Individual	9,922	15
Simpson, F. Geology Windsor	Cratonic-interior sedimentation and related tectonic controls 3yr - 3rd Inst.	Individual	17,753	10
Simpson, G.M. Crop Science Saskatchewan	* Principal investigator J.M.Naylor(Sask.) 3yr - 2nd Inst.	Team		18
Simpson, J.J. Physics Guelph	Study of fundamental nuclear and particle properties	Individual	42,400	22
Simpson, J.J. Physics Guelph	Measurement of neutrinoless double B-decay of 76Ge * with J.L.Campbell(Guelph), H.L.Malm(Aptec Engineering)	Co-op	26,550	22
Simpson, R.B. Computer Science Waterloo	Computational facilities for numerical solution of partial differential equations 3yr - 1st Inst.	Individual	19,816	07
Sims, G.E. Mechanical Eng. Manitoba	1) Heat transfer in two-phase two-component flow 2) Pool boiling simulation 3yr - 2nd Inst.	Individual	17,172	13
Sinclair, A.J. Geological Sciences British Columbia	Genetic models for gold deposits in the Canadian Cordillera 3yr - 2nd Inst.	Individual	16,960	10
Sinclair, A.R.E. Zoology British Columbia	Dynamics of terrestrial vertebrate ecosystems 3yr - 2nd Inst.	Individual	33,920	18
Sinclair, A.R.E. Animal Res. Ecol. British Columbia	Functional dynamics of the vertebrate community in the Kluane Region, Yukon * with C.J.Krebs,J.N.M.Smith(British Columbia) 2yr - 1st Inst.	Co-op	68,900	18
Sinclair, J. Biology Carleton	Studies on photosynthetic oxygen evolution 3yr - 2nd Inst.	Individual	12,720	03
Singer, M. Psychology Manitoba	Language comprehension: Inference and question answering 3yr - 2nd Inst.	Individual	7,844	12
Singh, A.C. Math/Statistics Memorial	Log-linear model analysis for categorical data under complex sampling designs 3yr - 1st Inst.	Individual	5,369	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Singh, B. Geography Montréal	The ground thermal regime in the Hudson-James-Bay area, Nouveau-Quebec, as related to snow cover and energy exchanges at the surface	Individual	8,480	10
Singh, M. Mathematics Simon Fraser	Dispersive wave phenomena, magnetohydrodynamics 3yr - 3rd Inst.	Individual	4,283	16
Singh, M.C. Mechanical Eng. Calgary	Wave propagation in solids and crack propagation in pipelines 3yr - 3rd Inst.	Individual	13,467	13
Singh, R.S. Math/Statistics Guelph	1) Empirical bayes in scale exponential and regression models 2) Estimations of distribution functions and limit theorems 3yr - 3rd Inst.	Individual	9,335	14
Singh, R.S. Biology McMaster	Study of protein and DNA variation in natural populations of drosophila 3yr - 1st Inst.	Individual	36,040	02
Singh, R.S. Biology McMaster	Study of genetic variation in heat-shock proteins and their DNA coding sequences in Drosophila * with L.A.Moran(Toronto) 3yr - 3rd Inst.	Co-op	34,280	02
Singh, S.M. Zoology Western Ontario	Genetic nature and biological significance of naturally occuring biochemical variations 3yr - 2nd Inst.	Individual	23,320	18
Singh, S.P. Math/Statistics Memorial	Best simultaneous approximation and applications 3yr - 3rd Inst.	Individual	2,039	16
Singhal, K. Systems Design Waterloo	Statistical design of networks: VLSI design aids 3yr - 2nd Inst.	Individual	25,345	11
Singhal, R.L. Pharmacology Ottawa	Protection of cadmium-induced testicular injury-biological mechanism	Individual	15,900	01
Sinha, B.P. Eng./Applied Sci. Memorial	Application of prolate spheroidal wave functions to electromagnetic scattering, bioelectromagnetics and signal processing 3yr - 1st Inst.	Individual	14,946	11
Sinha, D.K. Mechanical Eng. Manitoba	Finite element analysis of metal working processes 3yr - 1st Inst.	Individual	12,000	13
Sinha, N.K. Elec. & Comp. Eng. McMaster	Industrial applications of modern control theory	Individual	26,076	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sinha, S.K. Statistics Manitoba	Bayes estimation of the parameters and reliability function of a mixture of time-censored Weibull life test data 3yr - 2nd Inst.	Individual	4,558	14
Sipe, J.E. Physics Toronto	Theoretical studies of the optical properties of surfaces	Individual	14,575	15
Sivak, J.G. Optometry Waterloo	Vertebrate visual optics 3yr - 1st Inst.	Individual	28,665	01
Sivasubramanian, P. Biology New Brunswick	Developmental neurobiology of insects 3yr - 3rd Inst.	Individual	12,243	01
Sjerve, D. Mathematics British Columbia	1) Geometry of 2 complexes. 2) Tate cohomology and Spanier-Whitehead duality. 3) A duality between the Steenrod and Dyer-Lashof algebras. (3 proposals) 3yr - 3rd Inst.	Individual	8,570	16
Sjolander, S.A. Mech. & Aeronaut. Carleton	Improved turbulent boundary layer calculations: Application to internal flows 3yr - 1st Inst.	Individual	14,840	13
Skarsgard, H.M. Physics Saskatchewan	Plasma physics * with A.Hirose, G.Pocobelli, L.W.Schott(Saskatchewan) 3yr - 1st Inst.	Team	162,180	15
Skillicorn, D.B. Comp. & Info. Sc. Queen's	Organization of data flow multiprocessor systems	Individual	9,703	07
Sklash, M.G. Geology Windsor	Investigation of the role of groundwater in storm and snowmelt runoff	Individual	8,480	10
Skopik, D.M. Physics Saskatchewan	Electro- and photo-disintegration studies	Individual	47,700	22
Skuce, D. Computer Science Ottawa	Studies on first-order logic specification systems	Individual	9,885	07
Skura, B.J. Food Science British Columbia	Bacteria in food: enumeration and mechanisms of attachment to food surfaces 3yr - 1st Inst.	Individual	14,288	03
Slamecka, N.J. Psychology Toronto	Determinants of normal forgetting 3yr - 1st Inst.	Individual	17,490	12
Slavin, A.J. Physics Trent	Interaction of simple hydrocarbons with the tantalum group metals 3yr - 2nd Inst.	Individual	6,360	15

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Slawson, P.R. Mechanical Eng. Waterloo	On the application of state of the art diffusion research to air pollution problems 3yr - 1st Inst.	Individual	24,698	13
Slawson, W.F. Geophys./Astron. British Columbia	Earthquake recurrence rate: Beaufort-Cruickshank Fault, B.C.	Individual	9,540	10
Slaymaker, H.O. Geography British Columbia	Alpine and Arctic solute and sediment production, transport and yield 3yr - 2nd Inst.	Individual	13,780	10
Slemon, G.R. Electrical Eng. Toronto	Electric motors and drives 3yr - 3rd Inst.	Individual	46,157	11
Slessor, K.N. Chemistry Simon Fraser	Chiral pheromones	Individual	7,420	05
Slinger, S.J. Nutrition Guelph	Fish nutrition 3yr - 3rd Inst.	Individual	32,444	01
Slingerland, F.W. Mechanical Eng. Laval	Prediction and reduction of industrial machinery noise 3yr - 2nd Inst.	Individual	11,554	13
Slinkard, A.E. Crop Dev. Ctre. Saskatchewan	Genetics and cytology of Lens species 3yr - 2nd Inst.	Individual	9,540	03
Sloan, J.J. Chemistry Carleton	The dynamics of the reactions of atoms with polyatomic radicals 3yr - 1st Inst.	Individual	7,420	05
Slobodrian, R.J. Physique Laval	Réactions nucléaires et phénomènes de polarisation	Individuelle	42,400	22
Slocombe, J.O.D. Pathology Guelph	Strongylids in equine: Biology, Pathogenesis and control. 1. Strongylus vulgaris	Individual	16,803	01
Small, C. Math/Statistics Queen's	Arithmetic in finite fields	Individual	3,000	16
Small, C.G. Statistics Waterloo	Investigation of spatial data 3yr - 1st Inst.	Individual	4,295	14
Small, R.D. Mathematics New Brunswick	Nonlinear analytic approximation methods 3yr - 2nd Inst.	Individual	4,884	16
Smalley, I.J. Earth Sciences Waterloo	Mineralogy and properties of the sensitive clays of Eastern Canada 2yr - 1st Inst.	Individual	13,780	10
Smeltzer, W.W. Metal/Mat. Science McMaster	Metal oxidation, ionic diffusion and defect structures in metal oxides and sulfides 3yr - 1st Inst.	Individual	60,500	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Smillie, K.W. Computer Science Alberta	Statistical applications of NIAL	Individual	6,276	07
Smith, A. Electrical Eng. Ottawa	Real-time video image processing for medical diagnostics	Individual	11,448	11
Smith, A.A. Civil Engineering McMaster	Computer simulation of homogeneous and stratified free surface flows 3yr - 2nd Inst.	Individual	16,960	06
Smith, A.C. Mathematics Windsor	1) Classical and generalised fluid dynamics 2) Numerical mathematics 3yr - 1st Inst.	Individual	8,819	16
Smith, C.D. Civil Engineering Saskatchewan	Hydraulic structures for water resources engineering 3yr - 1st Inst.	Individual	20,700	06
Smith, C.T. Psychology Trent	Learning and sleep 3yr - 2nd Inst.	Individual	6,890	12
Smith, D.G. Geography Calgary	Sedimentology and deposition environments of the Athabasca-Peace river deltas	Individual	12,720	10
Smith, D.G.W. Geology Alberta	Applications of the microprobe in mineralogy, petrology, economic geology and meteoritics 3yr - 3rd Inst.	Individual	36,729	10
Smith, D.R. Chemistry McMaster	Infrared laser photochemistry of radio-labelled molecules	Individual	15,900	05
Smith, D.W. Civil Engineering Alberta	Wastewater and water treatment with ozone 3yr - 2nd Inst.	Individual	23,320	06
Smith, F.E. Chemistry Laurentian	Synthesis of biologically active organometallic compounds and complexes	Individual	14,214	05
Smith, F.E. Chemistry Prince Edward Isl	Synthesis of biologically active organometallic compounds and complexes	Individual	1,686	05
Smith, G.K. Psychology McMaster	Development of isolation reared rats	Individual	6,360	12
Smith, G.W. Mining/Metal. Eng. McGill	Flotation of naturally floatable minerals	Individual	10,600	04
Smith, H.J.T. Physics Waterloo	Properties of thin films 3yr - 2nd Inst.	Individual	20,628	15
Smith, H.W. Electrical Eng. Toronto	Analysis, modelling and control of mineral processes 3yr - 3rd Inst.	Individual	12,733	04

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Smith, I.C.P. Chemistry Ottawa	Molecular details of membrane events 3yr - 1st Inst.	Individual	17,500	02
Smith, J.G. Chemistry Waterloo	1) Reductive metalation of unsaturated organic compounds 2) Alkyl substituted isobenzofurans and transient reactive synthons 3yr - 3rd Inst.	Individual	20,813	05
Smith, J.H.G. Forest Resources British Columbia	Tree-ring analyses to improve yields of natural and planted stands	Individual	4,240	18
Smith, J.J.B. Zoology Toronto	Physiology of feeding and chemoreception in insects 3yr - 2nd Inst.	Individual	25,440	01
Smith, J.L. Geological Sciences British Columbia	Transport processes in porous media 2yr - 1st Inst.	Individual	18,020	10
Smith, J.N.M. Zoology British Columbia	Dispersal and nest defence in song bird populations 3yr - 2nd Inst.	Individual	25,440	18
Smith, J.T. Math/Statistics Queen's	Exponential family and income distributions 3yr - 1st Inst.	Individual	3,221	14
Smith, J.W. Chemical Eng. Toronto	Heat, mass and momentum transfer applied to the transportation of gas from the Arctic, the removal of particulates and sulphurous compounds in packed beds, properties and control of acid aerosols 3yr - 3rd Inst.	Individual	21,426	04
Smith, K.C. Electrical Eng. Toronto	Reliable architectures 3yr - 2nd Inst.	Individual	24,698	11
Smith, K.N. Civil Engineering Waterloo	1) Reinforced concrete deep beams 2) Construction methods and management 3yr - 3rd Inst.	Individual	16,161	06
Smith, M. Psychology Toronto	Contextual effects in reading 3yr - 3rd Inst.	Individual	15,916	12
Smith, M.J. Biolog. Sciences Simon Fraser	Expression and evolution of eukaryotic genomic DNA: Transcription and evolution of the actin mutigene family and its genomie environment in sea stars 3yr - 1st Inst.	Individual	37,100	02
Smith, M.R. Electrical Eng. Calgary	Analysis of multicomponent signals	Individual	11,872	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Smith, P.J. Chemistry Saskatchewan	1) Organic reaction mechanisms 2) Isotope effect studies on elimination reactions 3) Nature of the transition state 3) Preparation and study of potential anticancer drugs 3yr - 2nd Inst.	Individual	16,960	05
Smith, P.L. Geological Sciences British Columbia	Lower Jurassic biostratigraphy of North America and the geologic history of the northern Bowser basin 2yr - 2nd Inst.	Individual	10,600	10
Smith, R.J.F. Biology Saskatchewan	Behaviour and endocrinology of fishes 3yr - 1st Inst.	Individual	16,803	01
Smith, R.W. Metallurgical Eng. Queen's	1) Some aspects of Solidification;-growth and properties of eutectics, structure control in cast-metal, Hadfield's steel; 2) Solid-state phase transitions 3yr - 3rd Inst.	Individual	25,710	04
Smith, S.H. Mathematics Toronto	Boundary layers in rotating fluids 3yr - 1st Inst.	Individual	5,000	16
Smith, S.M. Biology Waterloo	Mortality and regulation in insect populations 3yr - 3rd Inst.	Individual	18,365	18
Smith, T.E. Geology Windsor	Tin mineralization and its association with peraluminous granitoid rocks in Nova Scotia and S.W. England 3yr - 1st Inst.	Individual	16,960	10
Smith, T.K. Nutrition Guelph	Proteogenic effects of dietary amino acids in poultry and swine 3yr - 2nd Inst.	Individual	18,550	01
Smith, V.G. Forestry Toronto	Black spruce height-crown relationships 3yr - 1st Inst.	Individual	11,660	18
Smith, V.H. Chemistry Queen's	Role of correlation and bonding in electronic systems 3yr - 3rd Inst.	Individual	50,196	05
Smith, W.R. Math/Statistics Guelph	1) Statistical mechanics of fluids 2) Computation of chemical and phase equilibria 3) Mathematical models in biology 3yr - 1st Inst.	Individual	37,100	21
Smith-Palmer, T. Chemistry St. F. Xavier	Chemical biology of silicates	Individual	15,900	05
Smolinski, W.J. Electrical Eng. New Brunswick	Digital protection of power systems 3yr - 1st Inst.	Individual	11,766	11

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Smy, P.R. Electrical Eng. Alberta	Plasma applications in combustion and circuit breakers 3yr - 3rd Inst.	Individual	47,013	15
Smylie, D.E. Earth Sciences York	Dynamics of the earth 3yr - 1st Inst.	Individual	51,940	10
Snaith, V.P. Mathematics Western Ontario	Algebraic K-theory of schemes - the Lichtenbaum-Quillen conjecture 3yr - 1st Inst.	Individual	29,397	16
Snelgrove, W.M. Electrical Eng. Toronto	Computer-aided design of VLSI circuits 3yr - 1st Inst.	Individual	14,946	11
Sniatycki, J.Z. Math/Statistics Calgary	Symplectic geometry, field theory and geometric quantization 3yr - 3rd Inst.	Individual	12,243	15
Snider, N.S. Chemistry Queen's	Theory of reaction rates 3yr - 3rd Inst.	Individual	6,611	05
Snider, R.F. Chemistry British Columbia	Kinetic theory 3yr - 3rd Inst.	Individual	37,953	05
Snieckus, V.A. Chemistry Waterloo	1) New synthetic methods. 2) Total synthesis of natural products 3yr - 2nd Inst.	Individual	46,110	05
Snodgrass, W.J. Civ Eng/Eng Mech McMaster	Predictive model for pH and oxygen in lakes 3yr - 1st Inst.	Individual	12,720	06
Soberman, R.M. Civil Engineering Toronto	Performance of transit in protected rights of way	Individual	12,720	06
Sobrino, L.D. Physics British Columbia	Non-equilibrium thermodynamics and statistical mechanics	Individual	9,540	15
Sofko, G.J. Physics Saskatchewan	VHF Doppler radar studies of scatter from auroral electrojet plasma irregularities 3yr - 2nd Inst.	Individual	24,910	17
Sokhansanj, S. Agricult. Eng. Saskatchewan	Study of heat and mass transfer in porous heat storage materials such as rock and concrete 3yr - 3rd Inst.	Individual	11,631	13
Sokolowski, M.B. Biology York	Genetics, behavior and evolutionary biology of Drosophila 3yr - 2nd Inst.	Univ. Research Fellow	19,080	02
Soler, F. Physique/math Moncton	R- et r2-variétés différentiables: applications 3ans - 3e vers.	Individuelle	2,992	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Soliman, H.M. Mechanical Eng. Manitoba	Two-phase flow patterns of condensing fluids 3yr - 2nd Inst.	Individual	18,730	13
Solitar, D. Mathematics York	Subgroup theorems; Treed HNN groups 3yr - 1st Inst.	Individual	16,738	16
Solntseff, N. Mathematical Sci. McMaster	Programming systems for concurrent processing 3yr - 1st Inst.	Individual	8,530	07
Solomon, S.I. Civil Engineering Waterloo	Application of space technology to hydrology and water resources 3yr - 3rd Inst.	Individual	21,426	06
Sommerville, I.D. Metal/Mat. Science Toronto	Slag-metal-gas studies at low oxygen potentials	Individual	5,671	04
Song, A.K.S. Physics Ottawa	Defect structure in insulators 3yr - 3rd Inst.	Individual	15,733	15
Sonnenfeld, P. Geology Windsor	Evaporite genesis 3yr - 1st Inst.	Individual	10,600	10
Sonstegard, R.A. Biology McMaster	Studies of the etiology and epizootiology of hematopoietic neoplasia in soft shell clams (Mya arenaria) 3yr - 3rd Inst.	Individual	24,486	02
Soper, A.K. Physics Guelph	A structural investigation of molecular fluids 3yr - 2nd Inst.	Univ. Research Fellow	10,600	15
Soper, R.J. Soil Science Manitoba	An investigation of the sources of nitrogen which are used by plants growing in the soil 3yr - 3rd Inst.	Individual	18,365	03
Sorensen, T.S. Chemistry Calgary	A multi-purpose study of observable carbocations 3yr - 2nd Inst.	Individual	50,138	05
Sorenson, P.G. Computer Science Saskatchewan	Database application development and database design and optimization 3yr - 3rd Inst.	Individual	18,365	07
Sorger, G.J. Biology McMaster	Regulation of nitrate reductase in Neurospora 3yr - 2nd Inst.	Individual	36,040	02
Sosulski, F.W. Crop Science Saskatchewan	Characteristics, utilization and nutritive value of seed protein, starch and oil components 3yr - 2nd Inst.	Individual	42,400	03
Soudack, A.C. Electrical Eng. British Columbia	Behaviour of predator-prey models under various conditions of harvesting and stocking	Individual	10,600	21

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Soulie, M.F. Génie civil Ecole Polytechnique	Approche probabiliste en géotechnique 2ans - 2e vers.	Individuelle	11,660	10
Soumagne, J.R. Génie électrique Sherbrooke	Détection et identification des données sur voie téléphonique numérique en présence d'écho 3ans - 1er vers.	Individuelle	10,600	11
Soumis, F. Méth. quant. gest. Montréal	Routes de flotte de véhicules 2ans - 1er vers.	Chercheur-boursier univ.	15,900	20
Sourour, A.R. Mathematics Victoria	Operators on Hilbert and Banach spaces 3yr - 2nd Inst.	Individual	8,472	16
South, G.R. Biology Memorial	Marine algae of the North Atlantic Ocean: the amphi-Atlantic question 3yr - 1st Inst.	Individual	43,000	18
Southern, B.W. Physics Manitoba	Theoretical studies in condensed matter physics 1) Phase transitions 2) Disordered systems	Individual	19,610	15
Souza Machado, V. Horticultural Sci. Guelph	Plant and seed modification to improve herbicide resistance/tolerance	Individual	18,868	02
Sowerby, R. Mechanical Eng. McMaster	Researches in sheet and bulk metal forming 3yr - 3rd Inst.	Individual	27,547	13
Spanos, N.P. Psychology Carleton	Hypnotic and amnesia and disorganization 3yr - 3rd Inst.	Individual	8,570	12
Spanos, T.J.T. Physics Alberta	The effect of the condensation of steam in heavy oil recovery processes 2yr - 1st Inst.	Individual	15,900	10
Sparks, G.A. Civil Engineering Saskatchewan	Implications of increased allowable vehicle weights on the rail/road competitive balance 3yr - 1st Inst.	Individual	20,140	06
Sparling, A.B. Civil Engineering Manitoba	Removal of heavy metals from waste effluents 3yr - 3rd Inst.	Individual	11,019	06
Spence, I. Psychology Toronto	The analysis of similarity data 3yr - 3rd Inst.	Individual	15,304	12
Spence, J.R. Entomology Alberta	Ecological processes in assemblages of predatory insects 2yr - 1st Inst.	Univ. Research Fellow	21,200	18
Spencer, A.N. Zoology Alberta	The cellular basis of control of rhythmic locomotion in invertebrates 3yr - 2nd Inst.	Individual	29,680	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Spencer, M.E. Plant Science Alberta	Effects of ethylene on plants 3yr - 1st Inst.	Individual	75,260	03
Spencer, R.A. Civil Engineering British Columbia	Behaviour of large panel precast concrete structures during strong earthquakes 3yr - 2nd Inst.	Individual	12,720	06
Spencer, R.J. Geology & Geophys. Calgary	Geochemical evolution of the western Canada sedimentary basin 2yr - 2nd Inst.	Individual	10,600	10
Spenser, I.D. Chemistry McMaster	Biosynthesis of natural products 3yr - 1st Inst.	Individual	63,779	05
Spetch, M.L. Psychology Dalhousie	Representation of time 3yr - 1st Inst.	Univ. Research Fellow	12,720	12
Spiegelman, G.B. Microbiology British Columbia	Control of ribosomal RNA synthesis 3yr - 1st Inst.	Individual	18,020	02
Spink, D.R. Chemical Eng. Waterloo	1) Agglomerations and deposition of aerosols under turbulent flow conditions 2) Metal recovery studies 3yr - 1st Inst.	Individual	26,500	04
Spitzer, J.J. Chemistry Lethbridge	Electrical properties of liquid/liquid interfaces 2yr - 1st Inst.	Univ. Research Fellow	8,200	05
Spoar, G.R. Math/Statistics Guelph	Planar curves of minimal order 3yr - 1st Inst.	Individual	1,470	16
Spooner, E.T.C. Geology Toronto	Geochemical and geological studies of hydrothermal ore deposits 3yr - 3rd Inst.	Individual	22,037	10
Sprague, J.B. Zoology Guelph	Toxicity of pollutants to aquatic life 3yr - 1st Inst.	Individual	28,620	18
Spratt, D.A. Geology & Geophys. Calgary	Deformation mechanics of thrust belts 2yr - 2nd Inst.	Individual	12,720	10
Spronken, G. Génie-physique Ecole Polytechnique	Utilisation de la méthode de renormalisation dans l'espace direct, de la simulation Monte-Carlo et de l'hypothèse de Bethe	Individuelle	5,300	15
Sprott, D.A. Statistics Waterloo	Statistical inference with small samples 3yr - 3rd Inst.	Individual	20,813	14
Sprules, W.G. Zoology Toronto	Biomass distribution among plankton components and lake ecosystem functioning 3yr - 3rd Inst.	Individual	24,486	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sprung, D.W.L. Physics McMaster	Theoretical studies of nuclear structure and forces 3yr - 1st Inst.	Individual	44,213	15
Sreenivasan, S.R. Physics Calgary	Theoretical studies in astrophysics and plasma physics 3yr - 1st Inst.	Individual	19,610	17
Sridhar, K. Mechanical Eng. Windsor	Study of developing flows 3yr - 3rd Inst.	Individual	15,334	13
Srinivasan, K. INRS - Energie Québec - INRS	Modelling of power system behaviour 3yr - 1st Inst.	Individual	11,900	11
Srivastava, H.M. Mathematics Victoria	1) Q-orthogonal polynomials and their applications 2) Unified presentation of functions of several variables 3) Multiple Gaussian series and generating functions 3yr - 2nd Inst.	Individual	5,648	16
Srivastava, K.D. Electrical Eng. Waterloo	High voltage & insulation engineering for energy transmission distribution & utilization 3yr - 3rd Inst.	Individual	45,422	11
Srivastava, L.M. Biolog. Sciences Simon Fraser	1) Gibberellin-receptor binding 2) Gibberellins in kelp growth 3yr - 2nd Inst.	Individual	31,800	03
Srivastava, M.S. Statistics Toronto	Multivariate analysis 3yr - 1st Inst.	Individual	12,885	14
Srivastava, N.K. Génie civil Moncton	Etude des structures pneumatiques * avec N.Turkkan(Moncton) 3ans - 1er vers.	Equipe	21,200	06
Stacey, N.E. Zoology Alberta	Regulation of sexual behavior and ovulation in goldfish 2yr - 1st Inst.	Univ. Research Fellow	25,730	01
Stafford Smith, B. Civil Engineering McGill	Analysis of tall building structures 3yr - 3rd Inst.	Individual	22,037	06
Stager, C.V. Physics McMaster	Magnetic properties of alloys 3yr - 2nd Inst.	Individual	27,539	15
Stairs, D.G. Physics McGill	* Refer to D.G.Ryan(McGill)	Project		23
Stairs, D.G. Physics McGill	* Refer to N.Isgur(Toronto)	Project		23
Stairs, D.G. Physics McGill	* Refer to D.G.Ryan(McGill)	Project		23

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Stairs, D.G. Physics McGill	Design and fabrication of an R F System (minus R F source) for the H E R A proton ring at D E S Y part B	Project	200,000	23
Stairs, D.G. Physics McGill	Design and fabrication of an R F system (minus R F source) for the H E R A proton ring at D E S Y part P	Project	900,000	23
Standing, K.G. Physics Manitoba	Analysis of large biomolecules and molecular clusters by mass spectrometry 2yr - 1st Inst.	Individual	28,799	05
Stangeby, P.C. Aerospace Studies Toronto	Fusion engineering studies	Individual	16,960	04
Stanislav, J.F. Chemical/Pet. Eng. Calgary	Two phase flow in inclined pipes 3yr - 3rd Inst.	Individual	10,407	04
Stanley, D.W. Food Science Guelph	Texture-structure relationships in food 3yr - 2nd Inst.	Individual	23,320	03
Stansbury, E.J. Physics McGill	Lightning flash locations related to radar precipitation patterns 3yr - 3rd Inst.	Individual	7,958	17
Stansfield, B.L. INRS - Energie Québec - INRS	Particle transport in fusion plasmas	Individuelle	10,600	15
Stanton, R.G. Computer Science Manitoba	Computer algorithms in combinatorics 3yr - 1st Inst.	Individual	41,822	07
Starkermann, R. Mechanical Eng. New Brunswick	Computerized decoupling of multiple automatic control systems	Individual	10,600	20
Starkes, J.L. Physical Education McMaster	* Principal investigator F.A.Allard(Waterloo) 3yr - 3rd Inst.	Team		12
Starkey, J. Geology Western Ontario	Textures and microstructures of deformed rocks and ores 3yr - 1st Inst.	Individual	20,140	10
St-Arnaud, J.M.R. Physique Qué.-Trois-Riv.	Etude de propriétés piézo-optiques de liquides	Individuelle	9,720	15
St.Arnaud, R.J. Soil Science Saskatchewan	Weathering and pedogenesis of soils 3yr - 1st Inst.	Individual	29,933	03
Stastna, J. Applied Math. Western Ontario	Hydrodynamic stability of non-linear fluids	Individual	3,430	16

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Stathopoulos, T. Ctre.-Build. Stud. Concordia	Wind effects on buildings and their codification 3yr - 1st Inst.	Individual	27,859	06
Stauffer, A.D. Physics York	Atomic structure and atomic collision calculations 3yr - 2nd Inst.	Individual	13,801	15
Stauffer, M.R. Geological Sciences Saskatchewan	1) Structures in rocks 2) Exploration seismology in Precambrian Shield 3yr - 2nd Inst.	Individual	16,960	10
Stearn, C.W. Geological Sciences McGill	Paleoecology of reefs 3yr - 2nd Inst.	Individual	26,500	10
Steel, C.G.H. Biology York	Neuroendocrine control mechanisms in crustacea and insects 3yr - 2nd Inst.	Individual	33,390	01
Steele, D.H. Biology Memorial	Ecology of marine intertidal and shallow-water animals(particularly amphipods) 3yr - 1st Inst.	Individual	25,440	18
Steele, J.E. Zoology Western Ontario	Metabolic and developmental regulatory mechanisms in insects 3yr - 3rd Inst.	Individual	14,692	01
Steele, V.J. Biology Memorial	Photoperiod, neuroendocrine glands and reproductive cycles in Gammarus species 3yr - 3rd Inst.	Individual	8,570	01
Steenaart, W. Electrical Eng. Ottawa	Digital filter implementations and applications in digital communication and radar systems 3yr - 2nd Inst.	Individual	15,582	11
Steer, R.P. Chemistry Saskatchewan	Molecular photochemistry, photophysics and spectroscopy 3yr - 2nd Inst.	Individual	39,220	05
Steeves, J.D. Zoology British Columbia	Neural control of locomotion and central nervous system development	Individual	24,711	01
Steeves, T.A. Biology Saskatchewan	Developmental studies of vascular plants 3yr - 2nd Inst.	Individual	20,140	03
Stefanovic, V.R. Electrical Eng. Concordia	Power electronics/Motion control systems	Individual	16,430	11
Stefansson, B.R. Plant Science Manitoba	Variation and chemical composition of rapeseed 3yr - 1st Inst.	Individual	30,082	03
Steiger, J.H. Psychology British Columbia	Research in cognitive psychology and psychometrics 3yr - 3rd Inst.	Individual	9,794	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Stein, J.R. Botany British Columbia	Biology of freshwater algae	Individual	10,600	18
Stein, R.A. Electrical Eng. Calgary	Signal processing studies 3yr - 1st Inst.	Individual	10,600	11
Steinbach, M.J. Psychology York	Abnormalities of the human visual system: Their importance in understanding normal functioning 3yr - 3rd Inst.	Individual	33,056	12
Steiner, A.L. Zoology Alberta	Wasp, small mammal, eco-ethology, behavioral evolution and sociobiology 3yr - 1st Inst.	Individual	22,260	18
Steiner, G. Man. Sc./Inf.Sys. McMaster	Machine scheduling with precedence constraints 3yr - 1st Inst.	Individual	7,007	20
Steinitz, M.O. Physics St. F. Xavier	Experimental studies in condensed matter physics 3yr - 3rd Inst.	Individual	16,198	15
Steiss, J.E. Physiology Saskatchewan	Biochemical studies on skeletal muscle autografts in experimental animals 3yr - 1st Inst.	Univ. Research Fellow	10,600	02
Steliou, K. Chemistry Montréal	Reagents/reagent methodology: total synthesis of natural products	Individual	21,558	05
Stell, W.K. Anatomy Calgary	Structure and function of teleostean nervus terminalis: The smell-sight-sex connection 3yr - 1st Inst.	Individual	21,200	01
Stelmack, R.M. Psychology Ottawa	Recognition memory and the orienting response: Analysis of the encoding of pictures and words 3yr - 2nd Inst.	Individual	5,300	12
Stephan, D.W. Chemistry Windsor	The synthesis and chemistry of hetrometallic binuclear complexes	Individual	15,900	05
Stephens, M.A. Mathematics Simon Fraser	Goodness-of-fit/analysis of vectorial data/robustness 3yr - 3rd Inst.	Individual	19,381	14
Stephens, R. Chemistry Dalhousie	New techniques for trace analysis by atomic spectroscopy 3yr - 1st Inst.	Individual	30,400	05
Stephenson, G.R. Environ. Biology Guelph	Mechanisms of herbicide selectivity in plants 3yr - 3rd Inst.	Individual	24,486	03
Stephenson, J. Physics Alberta	Theory of critical phenomena and thermodynamics of fluid & magnetic systems 3yr - 3rd Inst.	Individual	10,787	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Stephenson, J.W. Mathematics Saskatchewan	Finite element multigrid 2yr - 2nd Inst.	Individual	2,883	16
Steprans, J. Mathematics York	Set theory and its applications 3yr - 1st Inst.	Individual	3,180	16
Stern, R.J. Mathematics Concordia	Invariant cones: theory and applications 3yr - 1st Inst.	Individual	8,819	16
Stesky, R.M. Earth/Planet. Sci. Toronto	Geophysical properties of fractured and jointed rock 3yr - 3rd Inst.	Individual	18,977	10
Steuart, G.N. Civil Engineering Toronto	Measuring energy consumption of urban public transport 3yr - 1st Inst.	Individual	14,310	06
Stevens, E.D. Zoology Guelph	Effect of temperature on muscle 3yr - 1st Inst.	Individual	22,734	01
Stevens, J.R. Physics Guelph	The study of polymeric glasses and polymerization by light scattering techniques 3yr - 1st Inst.	Individual	19,080	05
Stevens, R.K. Earth Sciences Memorial	Paleozoic evolution of West Newfoundland and adjacent areas	Individual	10,600	10
Stevenson, K.J. Chemistry Calgary	2-Ketoacid dehydrogenase multienzyme complexes 3yr - 1st Inst.	Individual	42,400	02
Stevenson, R.M.W. Microbiology Guelph	Virulence factors of bacterial pathogens of fish 3yr - 1st Inst.	Individual	8,480	02
Steward, F.R. Chemical Eng. New Brunswick	1) Radiative heat transfer within combustion systems 2) Heat transfer within free burning fires 3) Energy utilization efficiency and conservation studies 3yr - 1st Inst.	Individual	23,638	04
Stewart, A.T. Physics Queen's	Positron annihilation studies in solids and liquids	Individual	21,200	15
Stewart, C.L. Pure Mathematics Waterloo	Effective methods in analytic number theory 3yr - 2nd Inst.	Individual	12,355	16
Stewart, J. Psychology Concordia	Hormonal, experiential and neural determinants of sex differences in behavior 3yr - 1st Inst.	Individual	31,800	12
Stewart, J.M. Botany Manitoba	1) Population dynamics of wild rice associations 2) Caribou cluster mire complex: mechanisms of equilibrium 3yr - 1st Inst.	Individual	11,130	18

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Stewart, J.W.B. Soil Science Saskatchewan	Agronomic significance of phosphorus cycling 3yr - 1st Inst.	Individual	38,413	03
Stewart, K.A. Plant Science Macdonald Coll.	Peduncle abscission in members of the leguminosae 3yr - 3rd Inst.	Individual	8,570	03
Stewart, N.F. Infor. & rech opér. Montréal	Optimization in industrial robotics 3ans - 2e vers.	Individuelle	26,255	07
Stewart, P.N. Mathematics Dalhousie	Finite extensions and radical classes of associative rings 3yr - 2nd Inst.	Individual	4,236	16
Stewart, R. Chemistry British Columbia	Studies in physical-organic chemistry 3yr - 2nd Inst.	Individual	48,760	05
Stewart, R.E. Physics Toronto	* Refer to R.List(Toronto) 3yr - 1st Inst.	Team		17
Steyn, D.G. Geography British Columbia	Sea breeze dynamics in the Lower Fraser Valley, B.C.	Individual	12,333	10
Stich, H.F. Zoology British Columbia	Somatic cell genetics: modulating factors of mutagenesis 3yr - 1st Inst.	Individual	83,740	02
Stiemer, S.F. Civil Engineering British Columbia	Ductile steel energy dissipating devices 3yr - 2nd Inst.	Individual	14,310	06
Stiles, M.E. Microbiology Alberta	Detection of Escherichia coli and closely related Enterobacteriaceae 3yr - 3rd Inst.	Individual	9,794	03
Still, H.A. Math/Statistics Queen's	Confidence intervals 3yr - 1st Inst.	Individual	2,148	14
Still, I.W.J. Chemistry Toronto	Synthesis, functional group transformations and photochemistry of organosulfur compounds 3yr - 3rd Inst.	Individual	14,080	05
Stillman, M.J. Chemistry Western Ontario	Spectroscopic studies of heme enzymes, porphyrins, phthalocyanines and chlorophylls 3yr - 1st Inst.	Individual	27,739	05
Stimpson, B. Mineral Eng. Alberta	Predicting size distribution of ore fragments in underground mining 3yr - 2nd Inst.	Individual	8,480	10
Stinson, D.R. Computer Science Manitoba	Algorithms for the construction of combinatorial designs 3yr - 2nd Inst.	Univ. Research Fellow	5,300	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Stinson, G.M. Physics Alberta	* Refer to G.Roy(Alberta)	Project		22
Stinson, R.H. Physics Guelph	Structural studies of membrane systems and collagen 3yr - 1st Inst.	Individual	13,780	02
Stirling, I.G. Zoology Alberta	Ecological significance of supplementary food to polar bears summering on land 2yr - 1st Inst.	Individual	11,130	18
St-Jacques, M. Chimie Montréal	Analyse conformationnelle et utilisation de la RMN pour études de molécules organiques et bio-organiques 3ans - 1er vers.	Individuelle	23,850	05
St-Julien, P. Géologie Laval	Relations géométriques entre les structures mésoscopiques, macroscopiques et la tectonique globale du cambro-ordovicien des appalaches du Québec	Individuelle	8,480	10
Stobart, S.R. Chemistry Victoria	Reactivity of binuclear transition-metal complexes	Individual	38,869	05
Stobbe, E.H. Plant Science Manitoba	Impact of tillage systems	Individual	10,960	03
Stockdale, P.H.G. Veter. Microbiol Saskatchewan	Studies on mammalian immunity to coccidiosis 3yr - 1st Inst.	Individual	19,768	01
Stockey, R.A. Botany Alberta	Tertiary vascular plants of Western Canada 3yr - 2nd Inst.	Individual	19,080	10
Stoicheff, B.P. Physics Toronto	Spectroscopy with lasers and quantum optics 3yr - 1st Inst.	Individual	95,400	15
Stokes, P.M. Botany Toronto	Metal tolerance and cotolerance in planktonic algae 3yr - 2nd Inst.	Individual	30,740	18
Stolle, D.F.E. Civil Engineering McMaster	Development and application of finite element method 3yr - 1st Inst.	Individual	11,660	06
Stone, J.A. Chemistry Queen's	Gas phase ion-molecule reactions 3yr - 2nd Inst.	Individual	18,020	05
Stone, M.G. Mathematics Calgary	Congruence lattices of finite algebras 3yr - 1st Inst.	Individual	2,450	16
St-Onge, D.A. Géographie Ottawa	Géologie du Quaternaire, Centre-nord du District du Mackenzie 3ans - 2e vers.	Individuelle	11,660	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
St-Onge, H. Génie-physique Ecole Polytechnique	Propriétés électriques des polymères 3ans - 1er vers.	Individuelle	14,416	11
Storey, A.E. Psychology Memorial	Pregnancy disruptions and mate choice as reproductive strategies in animals 3yr - 1st Inst.	Individual	8,056	12
Storey, K.B. Biology Carleton	Intermediary metabolism in invertebrates: Metabolic regulation and biochemical adaptation to environment 3yr - 2nd Inst.	Individual	38,160	02
Storm, J.C. Psychology Mount Allison	Development and organization of semantic relations among emotion terms 3yr - 3rd Inst.	Individual	6,122	12
Storms, R.K. Biology Concordia	Gene expression in S. Cerevisiae 3yr - 2nd Inst.	Individual	27,560	02
Storr, A. Chemistry British Columbia	Synthesis, characterization and uses of novel metal pyrazolyl complexes 3yr - 2nd Inst.	Individual	20,140	05
Stothers, J.B. Chemistry Western Ontario	Organic applications of NMR spectroscopy 3yr - 3rd Inst.	Individual	56,318	05
Stott, M.J. Physics Queen's	Theoretical study of electrons in condensed matter and positron annihilation 3yr - 3rd Inst.	Individual	32,897	15
St-Pierre, C. Physique Laval	Structure nucléaire et réactions nucléaires	Individuelle	26,500	22
St-Pierre, L.E. Chemistry McGill	The study of solution and surface properties of synthetic and biological polymers * with G.R.Brown(McGill) 2yr - 1st Inst.	Team	19,080	05
Strangway, D.W. Geology Toronto	Magnetic and electrical studies of geological significance 3yr - 2nd Inst.	Individual	58,194	10
Stratton, G.W. Biology N.S.A.C.	Studies on the non-target microbial effects of xenobiotic combinations 3yr - 1st Inst.	Individual	20,140	02
Straus, N.A. Botany Toronto	DNA sequence arrangement and expression in eukaryotes	Individual	26,500	02
Strauss, E. Psychology Victoria	Studies on hemispheric asymmetries and emotion in normal adults and children 3yr - 3rd Inst.	Individual	10,407	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Strausz, O.P. Chemistry Alberta	Fundamental studies in free radicals and photochemistry * with H.E.Gunning(Alberta) 3yr - 3rd Inst.	Team	67,337	05
Strayer, F.F. Res. Ctr Man./Dev Québec-Montréal	Behavioral ecology and social organization of captive primates 3yr - 3rd Inst.	Individual	9,917	12
Stringer, P. Geology New Brunswick	Relation of cleavage to folding in the Appalachian - Caledonian orogenic belt 3yr - 1st Inst.	Individual	11,660	10
Strobeck, C. Genetics Alberta	The use of identity coefficients to study random drift in finite populations 3yr - 1st Inst.	Individual	23,320	02
Stroink, G. Physics Dalhousie	Measuring small resistances, magnetic fields and voltages at low temperatures 3yr - 3rd Inst.	Individual	15,977	15
Strom-Olsen, J.O. Physics McGill	1) The physical properties of metallic glasses 2) Magnetic and electron transport properties of crystalline magnetic alloys 3yr - 2nd Inst.	Individual	33,655	15
Stromsmoe, K.A. Electrical Eng. Alberta	High frequency integrated circuit oscillators 3yr - 1st Inst.	Individual	14,098	11
Strong, A.B. Mechanical Eng. Waterloo	Modelling and prediction of complex turbulent transport systems 3yr - 1st Inst.	Individual	28,514	13
Strong, D.F. Geology Memorial	Crustal and metallogenic studies of regions bordering the North Atlantic 3yr - 3rd Inst.	Individual	58,766	10
Stroud, T.W.F. Math/Statistics Queen's	Short history forecasting 3yr - 2nd Inst.	Individual	8,056	14
Stubley, G.D. Mechanical Eng. Waterloo	Planetary boundary layer modelling 3yr - 1st Inst.	Individual	14,310	13
Stuchly, M.A. Electrical Eng. Ottawa	Engineering aspects of interaction of radiofrequency radiation with biological systems 3yr - 1st Inst.	Individual	17,805	11
Stuchly, S.S. Electrical Eng. Ottawa	Applications of electromagnetic waves 3yr - 1st Inst.	Individual	47,700	11
Stupavsky, M. Geology Windsor	Paleomagnetism of the Lorrain, Gordon Lake and Bar River formations of the Huronian Cobalt Group 2yr - 2nd Inst.	Individual	12,190	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Styan, G.P.H. Mathematics McGill	Computational and theoretical matrix methods for statistics 3yr - 3rd Inst.	Individual	16,730	14
Stynes, D.V. Chemistry York	Bio-inorganic, catalytic, and electron transfer studies of heme models 3yr - 1st Inst.	Individual	21,558	05
Subbarao, M.V. Mathematics Alberta	Studies in arithmetic functions and partition theoretic problems 3yr - 2nd Inst.	Individual	15,059	16
Subden, R.E. Botany & Genetics Guelph	Genetic manipulation of wine yeasts 3yr - 1st Inst.	Individual	29,680	02
Suboski, M.D. Psychology Queen's	Learning by imitation 3yr - 3rd Inst.	Individual	6,122	12
Suedfeld, P. Psychology British Columbia	Processing of internally generated information in restricted environmental stimulation 3yr - 2nd Inst.	Individual	12,720	12
Suen, C.Y. Computer Science Concordia	Computer recognition of handwritten & machine-printed characters and applications 3yr - 2nd Inst.	Individual	30,464	07
Sullivan, D.E. Physics Guelph	Statistical mechanics of nonuniform fluids 3yr - 2nd Inst.	Individual	10,188	15
Sullivan, G.R. Chemical Eng. Waterloo	Development and application of plant scheduling and computer control techniques 2yr - 1st Inst.	Univ. Research Fellow	16,006	04
Sullivan, H.F. Mechanical Eng. Waterloo	Energy conservation - residential space heating 3yr - 3rd Inst.	Individual	13,467	13
Sullivan, H.M. Physics Victoria	Airglow emissions and auroral electric fields 3yr - 2nd Inst.	Individual	3,180	17
Sullivan, P.A. Aerospace Studies Toronto	Dynamics of flexible skirted air cushion vehicles 3yr - 2nd Inst.	Individual	23,532	13
Sullivan, P.J. Applied Math. Western Ontario	Turbulent diffusion 3yr - 3rd Inst.	Individual	18,977	13
Summers, D. Math/Statistics Memorial	Astrophysical winds and accretion flows 3yr - 3rd Inst.	Individual	10,553	17
Summers, J.D. Animal/Poultry Sc. Guelph	Amino acids: availability, interaction and requirement 3yr - 2nd Inst.	Individual	34,450	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Summers, J.M. Geological Sciences Queen's	An experimental investigation of the structural development of foreland fold and thrust belts 3yr - 3rd Inst.	Univ. Research Fellow	12,243	10
Sundaresan, M.K. Physics Carleton	Theoretical investigations in nuclear and elementary particle physics 3yr - 1st Inst.	Individual	21,041	15
Sundby, B. Oceanography Québec-Rimouski	Estuarine geochemical processes 3yr - 3rd Inst.	Individual	21,426	10
Surgenor, B.W. Mechanical Eng. Queen's	Man-machine system design in the nuclear generating station	Individual	7,000	20
Surry, D. Fac. of Eng. Sci. Western Ontario	Unsteady wind loads on structures 3yr - 2nd Inst.	Individual	16,960	06
Susak, N.J. Geology New Brunswick	Chemistry of hydrothermal solutions 2yr - 2nd Inst.	Individual	12,720	10
Sutcliffe, J.F. Biology Waterloo	Studies of black fly (Insecta: Diptera: Simuliidae) feeding behaviour 3yr - 3rd Inst.	Univ. Research Fellow	13,467	01
Suter, G.T. Civil Engineering Carleton	Serviceability and strength design of masonry structures 3yr - 1st Inst.	Individual	23,956	06
Sutherland, P.G. Physics McMaster	Theoretical astrosphysics 3yr - 3rd Inst.	Individual	22,895	17
Sutherland, R.G. Chem & Chem Eng. Saskatchewan	Reactive intermediates in organometallic systems 3yr - 3rd Inst.	Individual	23,262	05
Sutherland, R.J. Psychology Lethbridge	Forebrain control of spatial localization 3yr - 2nd Inst.	Individual	13,356	12
Sutherland, W.R.S. Math,Stat&Comp Sc Dalhousie	Multi-stage optimization algorithms 3yr - 3rd Inst.	Individual	20,813	07
Sutterlin, A. Mar. Sc. Res. Lab Memorial	Ovarian recruitment: an approach to family planning among different Atlantic salmon stocks	Individual	18,020	18
Sutton, D. Chemistry Simon Fraser	Chemistry of coordinated azo and other unsaturated nitrogen ligands 3yr - 3rd Inst.	Individual	21,426	05
Sutton, J.C. Environ. Biology Guelph	Relationships of environmental factors and infection cycles of foliar pathogens 3yr - 2nd Inst.	Individual	31,800	03

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Suzuki, D.T. Zoology British Columbia	Genetic and molecular analyses of gene expression and development using Drosophila as a model system * with T.A.Grigliatti(B.C.) 3yr - 2nd Inst.	Team	63,600	02
Suzuki, I. Microbiology Manitoba	Mechanism of sulfur and ammonia oxidation by chemoautotrophic bacteria 3yr - 1st Inst.	Individual	39,220	02
Svenne, J.P. Physics Manitoba	Theory of nuclear reactions 3yr - 3rd Inst.	Individual	10,761	15
Svoboda, J. Mechanical Eng. Concordia	Fluid power control systems 3yr - 3rd Inst.	Individual	15,916	13
Svoboda, J. Botany Toronto	Short and long term effects of soil nutrient amelioration on structure, production and microclimate of large stands of arctic tundra communities	Individual	10,600	18
Svrcek, W.Y. Chemical/Pet. Eng. Calgary	Control and simulation of chemical plants: Extraction of metals from coal ash: Viscosity behaviour of bitumen and gas systems: Catalytic cracking of hydrogen sulfide 3yr - 1st Inst.	Individual	19,822	04
Swaddle, T.W. Chemistry Calgary	Inorganic solution chemistry at high pressures 3yr - 2nd Inst.	Individual	33,920	05
Swaminathan, S. Mathematics Dalhousie	Functional analysis - geometric aspects of banach spaces 3yr - 3rd Inst.	Individual	3,333	16
Swamy, M.N.S. Electrical Eng. Concordia	Studies on electrical networks and signal processing 3yr - 1st Inst.	Individual	45,050	11
Swanson, C.A. Mathematics British Columbia	Oscillation of differential systems 3yr - 3rd Inst.	Individual	19,042	16
Swart, E.R. Math/Statistics Guelph	1) Continued investigation of reducibility with reference to the four-colour problem 2) NP-completeness with particular reference to the Hamilton circuit problem 3yr - 2nd Inst.	Individual	2,353	16
Swatland, H.J. Animal/Poultry Sc. Guelph	Post mortem metabolism in skeletal muscle 3yr - 3rd Inst.	Individual	18,365	01
Sweeny, P.R. Microbiology Guelph	Histochemical and ultrastructural studies on connective tissues of developing normal and dystrophic mice 3yr - 3rd Inst.	Individual	11,019	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Sweet, L.G. Math/Comp Science Prince Edward Isl	Homogeneous algebras * with J.A.MacDougall(P.E.I.) 3yr - 3rd Inst.	Team	4,557	16
Swift, G.W. Electrical Eng. Manitoba	Protective relay testing and design 3yr - 3rd Inst.	Individual	9,428	11
Sykes, J.F. Civil Engineering Waterloo	Application of uncertainty analysis to performance assessment 3yr - 2nd Inst.	Individual	20,140	06
Sylvestre, M. Bactériologie Québec - IAF	Développement de bactéries à haut potentiel de biodégradation des BPC * avec J.G.Bisaillon, R.Beaudet(Qué.-I.A.F.) 2ans - 2e vers.	Equipe	8,480	02
Symes, L.R. Computer Science Regina	Computer networks 3yr - 2nd Inst.	Individual	7,175	07
Symons, D.T.A. Geology Windsor	Paleomagnetic studies: Cordillera and Phanerozoic Basins 3yr - 2nd Inst.	Individual	24,380	10
Syrett, B.A. Electronics Carleton	Nonlinear effects in microwave devices and circuits	Individual	9,328	11
Szabados, B. Elec. & Comp. Eng. McMaster	Power system harmonics/Power converter control 3yr - 1st Inst.	Individual	20,670	11
Szabo, M.E. Mathematics Concordia	Applications of logic to arithmetic and analysis 3yr - 1st Inst.	Individual	8,819	16
Szamosi, G. Physics Windsor	Relativistic many-body problems with applications in plasma and astrophysics 3yr - 3rd Inst.	Individual	18,365	15
Szarek, W.A. Chemistry Queen's	1) Structure, synthesis and reactions of carbohydrates 2) Positron-emitting radiopharmaceuticals as probes for metabolism 3yr - 1st Inst.	Individual	54,769	05
Szendrovits, A.Z. Man. Sc./Inf.Sys. McMaster	Optimization of inventory policies in multi-stage production systems 3yr - 1st Inst.	Individual	16,160	20
Szöghy, I.M. Physique Laval	Spectroscopie nucléaire et ses applications	Individuelle	26,500	22
Tabarrok, B. Mechanical Eng. Toronto	Applications of finite element method in continuum mechanics 3yr - 3rd Inst.	Individual	20,201	13

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tabel, H. Veter. Microbiol Saskatchewan	Salivarian trypanosomes: interaction with host plasma proteins 3yr - 3rd Inst.	Individual	14,080	01
Tabisz, G.C. Physics Manitoba	Molecular interactions and dynamics in compressed gases and liquids studied by laser light scattering and far-IR absorption 3yr - 2nd Inst.	Individual	26,447	15
Tague, J.M. Library Science Western Ontario	Conceptual modeling and simulation of bibliographic retrieval systems 3yr - 1st Inst.	Individual	15,800	07
Tai, W. Plant Science Manitoba	Cytogenetic studies of rapeseed and its relatives 3yr - 1st Inst.	Individual	12,190	03
Tait, R.J. Mathematics Alberta	Fluid filled tubes, free boundary problems, wave motion 3yr - 2nd Inst.	Individual	5,296	16
Tait, R.W. Psychology Manitoba	Classical and instrumental conditioning mechanisms 3yr - 1st Inst.	Individual	8,480	12
Takahashi, I. Biology McMaster	Regulation of bacterial sporogenesis 3yr - 1st Inst.	Individual	26,500	02
Takahashi, Y. Physics Alberta	Quantum field theory method in particle and many body physics 3yr - 2nd Inst.	Individual	32,076	15
Takane, Y. Psychology McGill	Maximum likelihood multidimensional scaling from various types of similarity data 3yr - 3rd Inst.	Individual	15,671	12
Takats, J. Chemistry Alberta	Organometallic complexes of transition metals and actinides 3yr - 1st Inst.	Individual	26,858	05
Takaya, K. Electrical Eng. Saskatchewan	Medical image processing and development of special data management hardware for real-time image processing	Individual	12,826	11
Talbot, F.D.F. Chemical Eng. Ottawa	Detoxification of rapeseed protein 3yr - 2nd Inst.	Individual	9,646	04
Tall, F.D. Mathematics Toronto	Applications of set theory to topology and other fields 3yr - 1st Inst.	Individual	15,678	16
Talman, J.D. Applied Math. Western Ontario	Theoretical and computational studies in atomic and molecular physics * with T.M.Luke(Western Ontario) 3yr - 2nd Inst.	Team	15,285	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Talwar, P.P. Fin. & Manag. Sci. Alberta	Residual security returns and robust tests of heteroscedasticity 3yr - 2nd Inst.	Individual	4,558	14
Tam, K.K. Mathematics McGill	Non-linear problems in fluid mechanics and combustion theory 3yr - 3rd Inst.	Individual	15,233	16
Tam, W.H. Zoology Western Ontario	The mechanism of action of prostaglandin F-2 alpha in promoting ovarian follicular maturation and ovulation 3yr - 1st Inst.	Individual	11,861	01
Tamburi, A.J. Civil Engineering Manitoba	Analysis of sediment and flow data in some plains rivers 3yr - 1st Inst.	Individual	10,600	06
Tan, C.L. Mech. & Aeronaut. Carleton	Elastic-plastic stress analysis of cracked components 3yr - 1st Inst.	Individual	16,536	13
Tan, K.K. Mathematics Dalhousie	1) (Common) fixed point theorems for single- and multi-valued mappings of contractive type, 2) Remetrization and contractification of mappings, 3) Some geometric structure of locally convex spaces 3yr - 3rd Inst.	Individual	3,333	16
Tanaka, H. Civil Engineering Ottawa	1) Effect of turbulence on aeroelastic behaviour of structures 2) Wind effects on building internal pressure 3yr - 1st Inst.	Individual	16,960	06
Tancrede, P. Chimie - biologie Qué.-Trois-Riv.	Membranes artificielles incorporant la rhodopsine: Effet de l'environnement phospholipidique 3ans - 2e vers.	Individuelle	19,080	02
Tang, F.C.Y. Pure Mathematics Waterloo	Group theory and 3-manifold groups 3yr - 3rd Inst.	Individual	5,712	16
Tangri, K.K. Mechanical Eng. Manitoba	1) Physics of strength in metallic materials 2) Acoustic emission and its application to R & D 3yr - 1st Inst.	Individual	39,220	04
Tanner, C.E. Parasitology McGill	Experimental parasitology 3yr - 1st Inst.	Individual	34,442	01
Tanner, D.D. Chemistry Alberta	Studies on the mechanism of free radical reactions 3yr - 2nd Inst.	Individual	40,810	05
Tanny, D.L. Mathematics York	Limit theorems for stochastic processes 3yr - 1st Inst.	Individual	8,607	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tanny, S.M. Mathematics Toronto	Enumeration and analysis of combinatorial sequences 3yr - 1st Inst.	Individual	2,450	16
Tansley, B.W. Psychology Carleton	Psychophysical and evoked-potential studies of opponent processes in vision and hearing 3yr - 2nd Inst.	Individual	15,582	12
Taplin, D.M.R. Mechanical Eng. Waterloo	Fracture of engineering materials	Individual	21,200	04
Tapucu, A. Génie nucléaire Ecole Polytechnique	Echange de masse entre deux écoulements parallèles communiquant par une fente latérale 3ans - 1er vers.	Individuelle	18,550	13
Taras, P. Physics Montréal	Proprietes des noyaux a moment angulaire eleve	Individual	80,560	22
Tarasuk, J.D. Mechanical Eng. Western Ontario	Interferometric study of force-free convection in entrance of pipes and ducts 3yr - 3rd Inst.	Individual	16,529	13
Tardif, S. Math/statistiques Montréal	Analyse fine basée sur la méthode du rangement après alignement dans un plan de blocs aléatoires 3ans - 1er vers.	Individuelle	4,295	14
Tarnawecky, M.Z. Electrical Eng. Manitoba	1) Tapping HVDC transm. lines 2) HVDC transm. schemes evaluation 3) HVDC transm. line reliability evaluation 4) Housing and supporting bushing for universal current transducer 3yr - 1st Inst.	Individual	10,494	11
Tarr, N.G. Electronics Carleton	MIS tunnel junctions and their application to integrated circuit fabrication	Individual	17,167	11
Tartar, J. Computer Science Alberta	Investigation of interactive and distributed computer systems 3yr - 2nd Inst.	Individual	33,672	07
Tassé, N. INRS-Géoress. Québec - INRS	Sédimentation et diagenèse en relation avec les minéralisations dans les basses-terres du Saint-Laurent 2ans - 1er vers.	Individuelle	11,660	10
Tassoul, J.L. Physique Montréal	Etoiles en rotation, instabilités linéaires et non linéaires et circulation méridionale 3ans - 2e vers.	Individuelle	6,360	17
Tatum, J.B. Physics Victoria	Astronomical applications of atomic and molecular spectroscopy 3yr - 3rd Inst.	Individual	11,019	17

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Taukulis, H.K. Psychology Memorial	Conditioned changes in some physiological and behavioural responses to pentobarbital and morphine 3yr - 1st Inst.	Individual	5,300	12
Tavares, D.F. Chemistry Calgary	* Principal investigator A.Rauk(Calgary) 3yr - 2nd Inst.	Team		05
Tavares, S.E. Electrical Eng. Queen's	The study of protocols for computer communication networks 3yr - 1st Inst.	Individual	9,540	11
Tavenas, F.A. Génie civil Laval	1) Lois de comportement des argiles sensibles 2) Application des concepts d'état limité aux calculs des ouvrages dans les argiles sensibles 3ans - 1er vers.	Individuelle	47,700	06
Tavoularis, S. Mechanical Eng. Ottawa	Heat transport in turbulent flows 3yr - 3rd Inst.	Individual	15,304	13
Taylor, A.J. School of Business Queen's	Capacity expansion in the Canadian rail system * with T.H.Oum(British Columbia) 3yr - 1st Inst.	Team	12,320	20
Taylor, C.H. Geography Trent	1) Effects of urban construction on runoff and water quality. 2) Variable source area delivery of pollutants. 3) Hydrology of the Peterborough region 3yr - 3rd Inst.	Individual	7,346	10
Taylor, D.J. Computer Science Waterloo	Error detection and correction using redundancy in data structures 3yr - 1st Inst.	Individual	16,275	07
Taylor, D.P. Elec. & Comp. Eng. McMaster	Bandwidth efficient signalling for digital satellite and radio systems 3yr - 2nd Inst.	Individual	31,588	11
Taylor, D.R. Physics Queen's	Ion-ion and ion-lattice interactions and phase transitions in solids 3yr - 1st Inst.	Individual	26,097	15
Taylor, D.W. Physics McMaster	Excitations in disordered crystals 3yr - 1st Inst.	Individual	7,770	15
Taylor, F.J.R. Oceanogr./Botany British Columbia	Red tides, marine phytoplankton taxonomy and ecology 3yr - 3rd Inst.	Individual	30,608	18
Taylor, H.W. Physics Toronto	Nuclear spectroscopy with short-lived radioisotopes	Individual	5,300	22

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Taylor, I. Psychology Toronto	Optimally reduced text 3yr - 3rd Inst.	Individual	3,673	12
Taylor, I.E.P. Botany British Columbia	Physical changes in plant cell walls during acid-induced extension 3yr - 3rd Inst.	Individual	28,159	03
Taylor, J.C. Mathematics McGill	Potential theory 3yr - 1st Inst.	Individual	19,598	16
Taylor, K.E. Chemistry Windsor	Chemical probes of membrene protein organization 3yr - 3rd Inst.	Individual	15,916	02
Taylor, K.F. Mathematics Saskatchewan	A study of unitary representations of locally compact groups 3yr - 3rd Inst.	Individual	4,283	16
Taylor, M.A. Mathematics Acadia	Functional equations, varieties of groupoids and isotopy - homotopy classes 3yr - 1st Inst.	Individual	2,450	16
Taylor, N.F. Chemistry Windsor	Carbohydrate transport, metabolism and membrane biochemistry 3yr - 1st Inst.	Individual	16,960	02
Taylor, N.J. Chemistry Waterloo	Synthesis and characterization of early transition metal-metal bonded systems	Individual	15,900	05
Taylor, P.A. Chemical Eng. McMaster	Dynamic modelling and decentralized computer control of chemical processes 3yr - 1st Inst.	Individual	16,536	04
Taylor, P.D. Math/Statistics Queen's	Genetic models of sexual selection and allocation of reproductive resources 3yr - 3rd Inst.	Individual	12,243	18
Taylor, R.N. Computer Science Victoria	Tools for verification and testing of concurrent software	Individual	16,060	07
Taylor, R.P. Geology Montréal	Isotopic and lithogeochemical studies of granitoid mineral deposits 3yr - 2nd Inst.	Univ. Research Fellow	10,600	10
Taylor, W.D. Biology Waterloo	Nutrient regeneration by microzooplankton 3yr - 2nd Inst.	Individual	14,840	18
Tee, O.S. Chemistry Concordia	Studies in physical organic chemistry 3yr - 2nd Inst.	Individual	23,320	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tees, R.C. Psychology British Columbia	Visual (and related) development: effects of controlled rearing and neonatal lesions 3yr - 3rd Inst.	Individual	35,260	12
Teghtsoonian, E. Metallurgical Eng. British Columbia	Composite materials 3yr - 2nd Inst.	Individual	13,886	04
Teichmann, J. Physique Montréal	Interactions non-lineaires ondes-plasmas, chauffage HF	Individuelle	40,185	15
Teitelbaum, H. Chemistry Ottawa	Molecular energy transfer studies using shock waves and lasers 2yr - 1st Inst.	Individual	13,959	05
Telang, S.A. Kananaskis Centre Calgary	The effect of sulfur dioxide on abscisic acid in plants under water stress 3yr - 3rd Inst.	Individual	13,467	03
Telford, M. Zoology Toronto	Comparative study of the biology of species of dissodactylus (brachyura; pinnotheridae) and their host echinoderms 3yr - 3rd Inst.	Individual	14,080	01
Teller, J.T. Earth Sciences Manitoba	History of the nipigon basin link between east and west 3yr - 1st Inst.	Individual	29,680	10
Temple, M.C. Civil Engineering Windsor	The prestressing of lattice structures 3yr - 3rd Inst.	Individual	13,222	06
Templeton, J.G.C. Industrial Eng. Toronto	Contributions to applied statistics and operational research 3yr - 3rd Inst.	Individual	14,692	20
Tennent, R.D. Comp. & Info. Sc. Queen's	Issues in semantic analysis of programming languages 3yr - 1st Inst.	Individual	18,928	07
Tennyson, R.C. Aerospace Studies Toronto	Optimization of composite shell buckling strength and structures for space applications 3yr - 1st Inst.	Individual	39,220	13
Teply, S. Civil Engineering Alberta	Transportation operation characteristics of Western Canadian communities 3yr - 3rd Inst.	Individual	15,916	06
Terasmae, J. Geological Sciences Brock	Deglaciation chronology of Ontario related to current ice sheet dynamics models	Individual	12,720	10
Terhune, J.M. Biology New Brunswick	Harbour seal acoustical communication 3yr - 2nd Inst.	Individual	7,420	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Terreault, B. INRS - Energie Québec - INRS	Etude de l'interaction ion-solide dans les réacteurs à fusion thermonucléaire 3ans - 1er vers.	Individuelle	22,907	15
Teskey, W.F. Surveying Eng Calgary	Deformation surveys	Individual	14,310	06
Tessier, A. INRS-Eau Québec - INRS	Etude de relations entre la spéciation de métaux traces et leur biodisponibilité 3ans - 2e vers.	Individuelle	10,600	21
Tessier, C. Chimie - biologie Qué.-Trois-Riv.	Dynamisme des milieux riverains 3ans - 1er vers.	Individuelle	7,420	18
Testa, C. Architecture Toronto	Energy conservation in rural dwellings	Individual	9,540	06
Tetu, M. Génie électrique Laval	Electronique quantique 3ans - 3e vers.	Individuelle	16,773	11
Tewari, J.P. Plant Science Alberta	Host-parasite interaction in the blackspot disease of rapeseed caused by Alternaria brassicae 3yr - 1st Inst.	Individual	21,200	03
Thakkar, A.J. Chemistry Waterloo	Intermolecular forces, compton scattering and electron pair densities 2yr - 1st Inst.	Univ. Research Fellow	25,440	05
Thalmann, D. Infor. & rech opér. Montréal	Conception et implantation de systèmes graphiques 3ans - 1er vers.	Individuelle	17,908	07
Theberge, J.B. Biology Waterloo	Wildlife predator-prey studies: Caribou-wolf, fox-prey, ruffed grouse/snowshoe hare-predators	Individual	10,600	18
Theodorescu, R.A.S. Mathématiques Laval	Applications de la théorie des probabilités et de la statistique mathématique à la théorie de l'apprentissage et à la théorie de la décision 3ans - 3e vers.	Individuelle	5,815	14
Theophanides, T. Chimie Montréal	Synthesis, structure and properties of metal complexes as potential chemotherapeutic agents 3ans - 1er vers.	Individuelle	28,799	05
Therien, D. Informatique McGill	Algebraic automata theory 3ans - 1er vers.	Individuelle	11,147	07
Therien, H.M. Chimie - biologie Qué.-Trois-Riv.	Interactions actine-membranes	Chercheur-boursier univ.	12,720	02

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Therien, N. Génie chimique Sherbrooke	Simulation et contrôle d'unités de traitement bio-chimique des eaux usées 3ans - 3e vers.	Individuelle	13,957	04
Thewalt, M.L.W. Physics Simon Fraser	Photoluminescence studies of semiconductors 2yr - 1st Inst.	Univ. Research Fellow	37,100	15
Thibault, J. Pédologie/écologie Laval	Interférence allélopathique peuplier-aulne 3ans - 2e vers.	Individuelle	10,600	03
Thibault, M.F. Mathématiques Qué.-Trois-Riv.	Catégories récursives et mesures sur-additives 3ans - 2e vers.	Individuelle	1,412	16
Thibert, R.J. Chemistry Windsor	New analytical techniques for biologically important molecules 3yr - 3rd Inst.	Individual	18,977	05
Thibodeau, L. Ctre. Rech.-Virol. Québec - IAF	Identification et étude de la structure moléculaire de l'antigène D du virus de la poliomyélite en vue de la production d'un vaccin sous-unitaire 3ans - 3e vers.	Individuelle	14,692	02
Thiebaux, H.J. Math,Stat&Comp Sc Dalhousie	Statistical structure in atmosphere/ocean circulations and the prediction of weather and climate 3yr - 3rd Inst.	Individual	17,140	17
Thierrin, G. Mathematics Western Ontario	1) Theory of automata and languages 2) Mathematical programming 3yr - 1st Inst.	Individual	42,889	07
Thirumurthi, D. Civil Engineering Tech. Univ. N.S.	1) Aerated lagoon studies to verify the thirumurthi chart and, to design an energy-efficient lagoon using wind energy. 2) Follow up studies on Halifax lakes and Wreck Cove hydroelectric reservoirs 3yr - 3rd Inst.	Individual	12,243	06
Thiry, P.S. Mécanique Ecole Polytechnique	* Voir G.Drouin(Ecole Polytechnique) 3ans - 1er vers.	Equipe		13
Thode, H.G. Chemistry McMaster	Mass spectrometric, nuclear and isotope chemistry studies	Individual	40,280	10
Thomas, D.A. Computer Science Carleton	End user business programming using actors and examples	Individual	13,913	07
Thomas, D.D.S. Biology Windsor	1) Calmodulin-associated development 2) Comparative mitochondrial DNA mapping in the water mold Achlya	Individual	5,300	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Thomas, M.L.H. Biology New Brunswick	Intertidal ecology 3yr - 1st Inst.	Individual	11,660	18
Thomas, R.E. Electronics Carleton	Development of new processes for devices and integrated circuits with emphasis on laser annealing and low pressure CVD	Individual	20,352	11
Thomas, R.G. Geology Calgary	Sedimentology and petrography of Upper Cretaceous sandstones, Southern Alberta 2yr - 2nd Inst.	Individual	9,540	10
Thomas, R.L. Land Resource Sc Guelph	A study of the organic constituents in stable soil microaggregates 3yr - 2nd Inst.	Individual	10,600	03
Thomas, V.G. Zoology Guelph	The body as its own nutrient resource in hares and grouse 3yr - 3rd Inst.	Individual	15,916	01
Thomason, S.K. Mathematics Simon Fraser	Modal logic, dynamic logic, other non-classical logic 3yr - 3rd Inst.	Individual	10,203	16
Thomeier, S. Math/Statistics Memorial	Geometric constructions and the topological fixed point theory of compact polyhedra and lefschetz spaces, and applications 3yr - 1st Inst.	Individual	2,980	16
Thompson, A.C. Math,Stat&Comp Sc Dalhousie	Geometry of Banach spaces 3yr - 2nd Inst.	Individual	2,353	16
Thompson, D.A. Eng. Physics McMaster	Radiation damage and ion-surface interactions 3yr - 1st Inst.	Individual	32,860	04
Thompson, J.C. Civil Engineering Waterloo	Development of improved experimental and numerical stress analysis techniques 3yr - 1st Inst.	Individual	18,020	06
Thompson, J.C. Chemistry Toronto	Synthetic and structural studies of silicon compounds 3yr - 3rd Inst.	Individual	9,794	05
Thompson, J.E. Biology Waterloo	Senescence and post-harvest physiology; influence of environmental stress 3yr - 2nd Inst.	Individual	63,070	03
Thompson, J.R. Animal Science Alberta	Skeletal muscle protein metabolism in cattle 3yr - 1st Inst.	Individual	14,826	01
Thompson, L. Nutrition/Food Sci Toronto	Low phytate rapeseed protein isolates and concentrates 3yr - 3rd Inst.	Individual	14,692	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Thompson, L.K. Chemistry Memorial	Binuclear complexes as protein models and potential redox catalysts 2yr - 1st Inst.	Individual	18,378	05
Thompson, M. Chemistry Toronto	New techniques in organic sensor analytical chemistry 3yr - 1st Inst.	Individual	30,919	05
Thompson, M.E. Statistics Waterloo	Estimation in sampling; Fitting stochastic process models 3yr - 2nd Inst.	Individual	12,248	14
Thompson, R.C. Chemistry British Columbia	Synthesis, structure and properties of inorganic complex compounds 3yr - 1st Inst.	Individual	7,420	05
Thompson, R.G. Biology Mount Allison	Short lived isotopes 3yr - 2nd Inst.	Individual	16,748	03
Thompson, R.J. Mar. Sc. Res. Lab Memorial	Environmental physiology of marine invertebrates in a cold environment 3yr - 3rd Inst.	Individual	19,344	01
Thomson, B.S. Mathematics Simon Fraser	Differentiation theory for real functions 3yr - 2nd Inst.	Individual	4,236	16
Thomson, S. Civil Engineering Alberta	Engineering characteristics and behaviour of stiff clay (till) and soft rocks and their application to engineering projects 3yr - 3rd Inst.	Individual	18,365	10
Thornton-Trump, A.B. Mechanical Eng. Manitoba	Dynamic analysis and reaction force and moment analysis of human locomotion 3yr - 1st Inst.	Individual	16,218	13
Thorpe, T.A. Biology Calgary	Regulation of plant organogenesis in vitro: Basic aspects 3yr - 1st Inst.	Individual	58,300	03
Thorson, W.R. Chemistry Alberta	Studies in theoretical chemistry: 1) Atomic collision theory 2) Other topics 3yr - 2nd Inst.	Individual	31,800	05
Threlfall, W. Biology Memorial	Faunal similarity and infracommunity structure in the helminths of herring gulls and sticklebacks 3yr - 1st Inst.	Individual	19,080	18
Threlkeld, S.F.H. Biology McMaster	Genetics of responses in Drosophila to neuroactive insecticides 3yr - 2nd Inst.	Individual	16,960	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Thulasiraman, K. Mechanical Eng. Concordia	Optimal circuit lay-out design-Network topology design-Scheduling-Structural theory of networks	Individual	13,568	11
Thurtell, G.W. Land Resource Sc Guelph	Plant water relationships and canopy diffusion 3yr - 2nd Inst.	Individual	19,716	03
Tidwell, T.T. Chemistry Toronto	Fundamental properties and synthetic applications of the reactive intermediates of organic chemistry 3yr - 2nd Inst.	Individual	41,340	05
Tiku, M.L. Mathematical Sci. McMaster	Robust inference; goodness-of-fit statistics; order statistics and applications; detection of outliers; robust sample survey 3yr - 1st Inst.	Individual	12,885	14
Tilquin, C.A. Médecine Montréal	Evaluation par simulation de stratégies de contrôle de la demande à l'hôpital	Individuelle	12,720	20
Timmer, V.R. Forestry Toronto	Foliar diagnosis for hybrid poplar culture 3yr - 3rd Inst.	Individual	14,692	03
Timney, B.N. Psychology Western Ontario	Visual experience and the development of perception 3yr - 2nd Inst.	Individual	16,960	12
Timourian, J.G. Mathematics Alberta	Singularities of differentiable maps and applications to partial differential equations 3yr - 2nd Inst.	Individual	6,708	16
Timusk, J. Civil Engineering Toronto	Development of new and the evaluation of existing building materials systems and building construction 3yr - 1st Inst.	Individual	15,900	06
Timusk, T. Physics McMaster	Optical properties of solids 3yr - 1st Inst.	Individual	37,418	15
Tinawi, R. Génie civil Ecole Polytechnique	Calcul interactif pour l'analyse séismique des structures 3ans - 1er vers.	Individuelle	16,112	06
Tinga, W.R. Electrical Eng. Alberta	Automated microwave measurements & techniques & microwave applicator design 3yr - 1st Inst.	Individual	12,121	11
Tinkler, J. Mechanical Eng. Manitoba	High lift aerodynamics 3yr - 3rd Inst.	Individual	9,183	13
Titman, R.D. Ren. Resources Macdonald Coll.	Ecology and behavior of ducks (Anatidae) 3yr - 1st Inst.	Individual	14,840	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Titus, S.J. Forest Science Alberta	An evaluation of Bayesian estimation procedures applied to log scaling inventory 3yr - 3rd Inst.	Individual	2,069	14
Tjosvold, D.W. Business Admin. Simon Fraser	* Refer to W.C.Wedley(Simon Fraser)	Team		20
Tlusty, J. Mechanical Eng. McMaster	Dynamics and controls of manufacturing equipment 3yr - 3rd Inst.	Individual	36,117	13
To, C.W.S. Mechanical Eng. Calgary	Nonstationary random response of nonlinear structures to random excitation 3yr - 2nd Inst.	Univ. Research Fellow	10,600	13
Tobe, S.S. Zoology Toronto	The insect corpus allatum: Its regulation and function during the gonadotrophic cycle and during metamorphosis 3yr - 3rd Inst.	Individual	64,051	01
Todorovic, P. Génie civil Ecole Polytechnique	Dispersion dans les milieux poreux non-homogènes	Individuelle	1,662	06
Toews, D.P. Biology Acadia	Respiratory and acid-base physiology of the amphibia 3yr - 2nd Inst.	Individual	24,380	01
Toguri, J.M. Metal/Mat. Science Toronto	Physical chemistry of the extraction of non-ferrous metals 3yr - 1st Inst.	Individual	44,520	04
Toida, S. Systems Design Waterloo	Study of clustering problems in electrical engineering	Individual	9,061	07
Toll, M.O. Electrical Eng. Memorial	Selxct: Synchronized ECG and lung volume X-ray control system for the thorax	Individual	8,692	11
Tollefson, E.L. Chemical/Pet. Eng. Calgary	1) Evaluation of Alberta's coal for activated carbon production 2) The reduction of nitrogen oxides in stack gases 3) Pyrolysis of coal renewal (modified) 3yr - 2nd Inst.	Individual	29,786	04
Tollenaar, M. Crop Science Guelph	Potential and maximum productivity of agricultural crops 2yr - 1st Inst.	Univ. Research Fellow	13,467	03
Tombalakian, A.S. Engineering Laurentian	Reduction of nickel-cobalt in a combined organic complex acid solution 3yr - 3rd Inst.	Individual	6,122	04
Tombaugh, J.W. Psychology Carleton	Cognitive skill acquisition in novice computer users	Individual	5,300	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tombaugh, T.N. Psychology Carleton	Behavioral effects of dopamine receptor blockade by pimozide 3yr - 2nd Inst.	Individual	15,900	12
Tomchuk, E. Physics Winnipeg	Pulsed NMR studies of liquid crystals 3yr - 3rd Inst.	Individual	25,196	15
Tomek, I. Computer Science Acadia	A general purpose programming language with special educational tools	Individual	4,184	07
Tomes, D.T. Crop Science Guelph	The use of plant tissue and cell culture in the breeding and genetics of forage crops	Individual	18,000	02
Tomiuk, D.B.J. Mathematics Ottawa	Banach algebras 3yr - 2nd Inst.	Individual	3,294	16
Tomkins, R.J. Math/Statistics Regina	Topics in probability theory 3yr - 3rd Inst.	Individual	11,625	14
Tomlinson, G. Chemistry Winnipeg	Proteins of the cholinergic synapse 3yr - 1st Inst.	Individual	13,780	02
Tompa, F.W. Computer Science Waterloo	Flexible, efficient data structures 3yr - 1st Inst.	Individual	23,488	07
Tomusiak, E.L. Physics Saskatchewan	* Refer to M.A.Preston(Saskatchewan) 3yr - 1st Inst.	Team		15
Tong, B.Y. Physics Western Ontario	Physics of amorphous solids and applications in devices 3yr - 3rd Inst.	Individual	18,327	15
Topper, T.H. Civil Engineering Waterloo	Fatigue investigations 3yr - 2nd Inst.	Individual	44,520	06
Tordion, G.V. Génie mécanique Laval	Etude des engrenages hélicoïdaux, dynamique et résistance 3ans - 1er vers.	Individuelle	22,048	13
Torrance, G.W. Man. Sc./Inf.Sys. McMaster	Cost-effectiveness and decision analysis in health	Individual	6,360	20
Torrance, J.K. Geography Carleton	Rheology of Leda Clay - the influence of water content, salinity and amorphous materials 2yr - 2nd Inst.	Individual	8,480	10
Torrence, R.J. Math/Statistics Calgary	New scattering theory applicable to black holes 3yr - 1st Inst.	Individual	2,120	15
Torrie, B.H. Physics Waterloo	Raman, infrared, brillouin and neutron scattering studies of phonons and phase transitions in crystals (mainly molecular) 3yr - 2nd Inst.	Individual	13,749	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tory, E.M. Math/Comp Science Mount Allison	1) Settling of slurries 2) Random packing of spheres 3yr - 3rd Inst.	Individual	13,957	04
Tosh, D.H. Mathematics Acadia	Estimating extreme quantiles of response functions 3yr - 3rd Inst.	Individual	2,069	14
Tou, C.P. Electrical Eng. Tech. Univ. N.S.	Spread spectrum techniques and their applications	Individual	9,010	11
Touchburn, S.P. Animal Science Macdonald Coll.	Dietary lipids and enhanced absorption of non-lipids 3yr - 2nd Inst.	Individual	10,600	01
Tourlakis, G. Math/Comp Science York	Hierarchies of primitive recursive word-functions	Individual	5,433	07
Tousignant, B. Génie électrique Laval	Caractérisation des particules par étude spectrale de signaux Doppler 3ans - 1er vers.	Individuelle	7,844	11
Toussaint, G.T.P. Computer Science McGill	The application of computational geometry to pattern recognition problems 3yr - 1st Inst.	Individual	23,589	07
Towers, G.H.N. Botany British Columbia	Biological activities and metabolism of secondary compounds in natural and novel systems 3yr - 1st Inst.	Individual	120,840	03
Townsend, D.R. Civil Engineering Ottawa	Momentum transfer phenomena in compound channels 3yr - 2nd Inst.	Individual	17,490	06
Tracey, A.S. Chemistry Simon Fraser	NMR studies in liquid crystalline bilayer systems	Individual	15,900	05
Tracy, D.S. Mathematics Windsor	Multivariate estimation 3yr - 3rd Inst.	Individual	5,815	14
Trainor, L.E.H. Physics Toronto	Studies in statistical mechanics and cooperativity in many-body systems 3yr - 3rd Inst.	Individual	33,815	15
Trak, B. Civil Engineering Ottawa	1) Analytical study of the stability of slopes, embankments and excavations in Champlain clays 2) Thixotropic behaviour of remoulded clays, bentonite & bentonite-clay mixture 2yr - 2nd Inst.	Individual	10,600	10
Tranquilla, J.M. Electrical Eng. New Brunswick	Broadband radiating systems 3yr - 1st Inst.	Individual	22,006	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Trass, O. Chemical Eng. Toronto	Studies of fluid flow, mass transfer, comminution and chemical reactions 3yr - 3rd Inst.	Individual	24,486	04
Traynor, T.E. Mathematics Windsor	Generalized measures; probability and stochastic processes 3yr - 3rd Inst.	Individual	3,333	16
Trehub, S.E. Psychology Toronto	Infants' perception of auditory patterns 3yr - 3rd Inst.	Individual	21,426	12
Treisman, A.M. Psychology British Columbia	Attention limits in the perception of words and objects 3yr - 2nd Inst.	Individual	50,350	12
Treit, D.R. Psychology Dalhousie	Mechanisms of anxiolytic drug action 3yr - 1st Inst.	Univ. Research Fellow	12,720	12
Trembath, L.T. Geology New Brunswick	Textural development in synthetic and natural systems	Individual	3,180	10
Tremblay, A. Sciences éducation Laval	Influence de l'exercice sur le métabolisme de repos et la thermogénèse induite par l'alimentation 3ans - 1er vers.	Individuelle	12,720	01
Tremblay, A.M. Physique Sherbrooke	Physique statistique hors d'équilibre thermodynamique 3ans - 2e vers.	Individuelle	16,971	15
Tremblay, J.P. Computer Science Saskatchewan	Query language systems and information systems analysis and design 3yr - 3rd Inst.	Individual	12,243	07
Tremblay, R. Sciences de l'admin. Québec-Chicoutimi	Fonctions spéciales et opérateurs fractionnaires	Individuelle	1,712	16
Tremblay, R. Physique Laval	Optique integree et fibres optiques 3ans - 1er vers.	Individuelle	40,216	15
Tremblay, R. Mathématiques Laval	Fonctions spéciales et opérateurs fractionnaires	Individuelle	988	16
Trenhaile, A.S. Geography Windsor	The processes of coastal hard rock erosion 3yr - 3rd Inst.	Individual	14,692	10
Trevors, J.T. Environ. Biology Guelph	Microbial electron transport system (ETS) activity	Individual	12,720	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Trischuk, J.M. Physics McGill	Project 77.02 Measurement of neutrino production and weak-decay lifetimes of charmed hadrons in a hybrid emulsion spectrometer * with J.Hébert(Ottawa),T.D.Prentice,T-S.Yoon(Toronto)	Project	68,250	23
Trofimenkoff, F.N. Electrical Eng. Calgary	Device and circuit studies and instrumentation 3yr - 1st Inst.	Individual	21,624	11
Troitsky, M.S. Civil Engineering Concordia	Design and experimental tests of new systems of steel-box girder bridges 3yr - 1st Inst.	Individual	19,430	06
Trojan, A.P. Math/Comp Science York	Schur subgroup 3yr - 3rd Inst.	Individual	1,428	16
Tromans, D. Metallurgical Eng. British Columbia	Stress corrosion cracking and localized corrosion of steels 3yr - 2nd Inst.	Individual	19,436	04
Trotter, J. Chemistry British Columbia	X-ray diffraction studies of inorganic and organic molecules 3yr - 2nd Inst.	Individual	53,000	05
Truax, D.R. Chemistry Calgary	Symmetry and exact solutions of time-dependent Schrödinger equations 3yr - 2nd Inst.	Individual	5,830	05
Trueman, C.W.A. Electrical Eng. Concordia	Development of computer modelling techniques for antenna and conductive body EMC problems 3yr - 1st Inst.	Individual	11,342	11
Trupp, A.C. Mechanical Eng. Manitoba	Convective heat transfer in non-circular ducts 3yr - 1st Inst.	Individual	17,000	13
Truscott, J.B. Mar. Sc. Res. Lab Memorial	Metabolism of steroidal hormones in fish 3yr - 1st Inst.	Individual	17,930	01
Truscott, W.G. Man. Sc./Inf.Sys. McMaster	Multiperiod analysis of discrete location-allocation problems 3yr - 1st Inst.	Individual	7,420	20
Trust, T.J. Biochem./Microbiol. Victoria	Molecular basis for bacterial pathogenicity 3yr - 1st Inst.	Individual	37,100	02
Trzcienski, W.E. Géologie Montréal	Petrology and tectonics of the Quebec Appalachians	Individuelle	6,360	10
Tsai, C.S. Chemistry Carleton	Multifunctionality of enzymes 3yr - 3rd Inst.	Individual	18,365	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tsang, A.S. Biology York	A study on gene expression during development of the cellular slime mould Dictyostelium 3yr - 3rd Inst.	Univ. Research Fellow	18,365	02
Tsang, S.H.L. Engineering Lakehead	Large-amplitude pulsatile laminar/turbulent flow 3yr - 1st Inst.	Individual	10,350	13
Tschuikow-Roux, E. Chemistry Calgary	Gas phase reaction kinetics, photochemistry, shock tubes 3yr - 3rd Inst.	Individual	41,626	05
Tsezos, M. Chemical Eng. McMaster	Biosorptive separation of nuclear fuel cycle elements and toxic organics 3yr - 1st Inst.	Individual	14,310	04
Tsichritzis, D.D. Computer Science Toronto	Office information systems 3yr - 3rd Inst.	Individual	42,851	07
Tso, W.K. Civ Eng/Eng Mech McMaster	Earthquake engineering and structural dynamics 3yr - 1st Inst.	Individual	44,520	06
Tsotsos, J.K. Computer Science Toronto	Design and implementation of expert systems with application to visual motion understanding and medical diagnosis	Individual	18,251	07
Tsujita, M.J. Horticultural Sci. Guelph	Plant growth responses to CO2-enriched, high light supplemented environments 3yr - 3rd Inst.	Individual	8,570	03
Tuchweber, B. Nutrition Montréal	Role of nutrition and other environmental factors in liver aging 3ans - 3e vers.	Individuelle	22,037	01
Tuck, D.G. Chemistry Windsor	Inorganic and organometallic chemistry 3yr - 3rd Inst.	Individual	47,748	05
Tulczyjew, W.M. Math/Statistics Calgary	Geometric foundations of relativistic quantum physics 3yr - 1st Inst.	Individual	8,819	16
Tulip, J. Electrical Eng. Alberta	Application of high powered lasers 3yr - 2nd Inst.	Individual	40,704	11
Tulving, E. Psychology Toronto	Studies in episodic memory 3yr - 2nd Inst.	Individual	57,770	12
Tung, M.A. Food Science British Columbia	Rheological and thermochemical studies of food systems 3yr - 2nd Inst.	Individual	47,700	03
Tunnicliffe, V.J. Biology Victoria	Effects of fluctuating oxygen levels on a deep water benthic community	Individual	11,660	18

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Tupper, B.O.J. Math/Statistics New Brunswick	Magnetohydrodynamic and charged fluid cosmologies 3yr - 3rd Inst.	Individual	8,791	15
Turcke, D.J. Civil Engineering Queen's	Design of finite element meshes 3yr - 3rd Inst.	Individual	13,467	06
Turek, A. Geology Windsor	Geochronological studies of the archean 3yr - 1st Inst.	Individual	13,250	10
Turgeon, A. Génie électrique McGill	Choix des sites et dimensionnement des réservoirs 3ans - 3e vers.	Individuelle	9,550	11
Turgeon, J.M. Math/statistiques Montréal	Systémes parfaits d'ensembles de différences 3ans - 3e vers.	Individuelle	2,380	16
Turkington, R.A. Botany British Columbia	Neighbour relationships in grassland (pasture) communities; their influence on the species' population dynamics and on the evolving characteristics of grasslands 3yr - 3rd Inst.	Individual	24,486	18
Turkkan, N. Génie Moncton	* Voir N.K.Srivastava(Moncton) 3ans - 1er vers.	Equipe		06
Turksen, I.B. Industrial Eng. Toronto	Scheduling and system design 3yr - 3rd Inst.	Individual	20,813	20
Turkstra, C.J. Civil Engineering McGill	Probabilistic limit states design 3yr - 2nd Inst.	Individual		06
Turner, D.G. Physics/Astronomy Laurentian	Research into the cosmic distance scale and stellar evolution using star clusters and associations 2yr - 1st Inst.	Univ. Research Fellow	21,200	17
Turner, G.A. Chemical Eng. Waterloo	Vibratory liquefaction of liquid-solid pastes 3yr - 3rd Inst.	Individual	19,589	04
Turner, L.E. Electrical Eng. Calgary	Analysis and control of nonlinear effects in recursive digital filters 3yr - 1st Inst.	Individual	12,296	11
Turnock, A.C. Earth Sciences Manitoba	Synthesis, crystal chemistry, and phase relations of silicates and oxides 3yr - 2nd Inst.	Individual	16,960	10
Turpin, D.H. Biology Queen's	Documentation and regulation of selective nutrient uptake of microalgae 3yr - 2nd Inst.	Individual	15,900	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Turrell, B.G. Physics British Columbia	Studies in magnetic materials 3yr - 3rd Inst.	Individual	26,849	15
Tutte, W.T. Combin./Optimiz. Waterloo	Topics in graph theory 3yr - 1st Inst.	Individual	27,600	16
Tyler, J.M. Genetics Alberta	Molecular studies of plasma membrane structure 3yr - 2nd Inst.	Individual	24,380	02
Tymchatyn, E.D. Mathematics Saskatchewan	Continua theory 3yr - 1st Inst.	Individual	15,678	16
Tyree, M.T. Botany Toronto	Whole tree physiology: Water relations and sugar transport 3yr - 1st Inst.	Individual	52,470	03
Tyson, I.H. Biology McGill	Environmentally induced heritable changes in flax 3yr - 1st Inst.	Individual	33,920	18
Ukrainetz, P.R. Mechanical Eng. Saskatchewan	Fluid power control systems and related fields investigations 3yr - 1st Inst.	Individual	21,412	13
Ullah, A. Economics Western Ontario	Robust methods in econometrics 3yr - 2nd Inst.	Individual	4,558	14
Ulrych, T.J. Geophys./Astron. British Columbia	Time series analysis and inverse theory 3yr - 1st Inst.	Individual	38,160	10
Umezawa, H. Physics Alberta	Study of ordered states in particle physics and many-body-problems 3yr - 2nd Inst.	Individual	45,039	15
Unger, B.W. Computer Science Calgary	Distributed software prototyping environments 3yr - 1st Inst.	Individual	21,662	07
Unny, T.E. Civil Engineering Waterloo	Studies in hydraulics and hydrology 3yr - 1st Inst.	Individual	37,100	06
Unruh, W.G. Physics British Columbia	Quantum mechanics and gravity 3yr - 1st Inst.	Individual	38,849	15
Upadhyaya, M.K. Plant Science British Columbia	Studies on the physiological basis of seed dormancy, endosperm autonomy and diclofop methyl control in Avena fatua L. 3yr - 1st Inst.	Individual	12,190	03
Urquhart, A.A. Plant Science Manitoba	Amino acid and carbohydrate balance in developing high-protein oat grains 3yr - 1st Inst.	Individual	13,567	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Usborne, W.R. Food Science Guelph	* Refer to G.S.Mittal(Guelph) 3yr - 1st Inst.	Team		03
Uzumeri, S.M. Civil Engineering Toronto	Seismic resistant design of concrete structures 3yr - 1st Inst.	Individual	28,620	06
Vaid, Y.P. Civil Engineering British Columbia	Stress-strain and strength properties and cyclic loading behaviour of natural soils 3yr - 1st Inst.	Individual	18,550	06
Vail, J.M. Physics Manitoba	Theory of defects in crystalline materials 3yr - 3rd Inst.	Individual	10,088	15
Valade, J.L. Pâtes et papiers Qué.-Trois-Riv.	Polymères naturels et synthétiques: propriétés physiques et chimiques 3ans - 3e vers.	Individuelle	17,630	04
Valenta, Z. Chemistry New Brunswick	Organic synthesis 3yr - 3rd Inst.	Individual	52,645	05
Valin, P. Physique McGill	Unitary constraints; soliton scattering; diffractive models	Individuelle	6,360	15
Valleau, J.P. Chemistry Toronto	Statistical mechanics of dense systems and surfaces, including computational methods 3yr - 1st Inst.	Individual	49,118	05
Valli, V.E.O. Pathology Guelph	The pathogenesis of infection with bovine leukemia virus and prevention of infection by non-specific immunization 3yr - 1st Inst.	Individual	22,734	01
Vallieres, J.L. Education physique Laval	L'immobilisation musculaire: facteurs influençant la régénération 3ans - 3e vers.	Individuelle	18,365	01
Valsangkar, A.J. Civil Engineering New Brunswick	Soil structure interaction in peats and organic soils 3yr - 2nd Inst.	Individual	13,780	06
Van Andel, H.W.H. Physique Montréal	Diagnostic des plasmas par diffusion laser	Individuelle	10,600	15
Van Dalen, K. Civil Engineering Queen's	Strength and rotational characteristics of composite steel-concrete connections 3yr - 2nd Inst.	Individual	12,720	06
Vandenberg, D.A. Physics Victoria	Numerical studies of the evolution of low mass stars assuming continuous mass loss 3yr - 3rd Inst.	Univ. Research Fellow	12,243	17

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Vanden Born, W.H. Plant Science Alberta	Behaviour and fate of systemic herbicides 3yr - 1st Inst.	Individual	25,100	03
Van den Driessche, P. Mathematics Victoria	Deterministic models in epidemiology and population ecology 3yr - 3rd Inst.	Individual	6,937	16
Van de Poll, H.W. Geology New Brunswick	Role of liquefaction in the formation of sedimentary features 3yr - 3rd Inst.	Individual	11,019	10
Van der Hoff, B.M.E. Chemical Eng. Waterloo	Improved processing properties of elastomers 3yr - 3rd Inst.	Individual	16,406	04
Van der Kamp, B.J. Forest Science British Columbia	Genetics of resistance of Pinus contorta to Endocronartium harknessii	Individual	6,720	03
Vander Kloet, S.P. Biology Acadia	The genus Vaccinium in North America 3yr - 3rd Inst.	Individual	8,570	18
Van Der Kooy, D. Anatomy Toronto	Paradoxical reinforcing effects of psychoactive drugs: Neuroanatomical and neurochemical substrates 3yr - 2nd Inst.	Individual	10,600	12
Vanderkooy, J. Physics Waterloo	Investigation of acoustic and electronic problems in audio 3yr - 1st Inst.	Individual	13,992	11
Vanderlinde, J. Physics New Brunswick	Laser microwave double resonance 3yr - 2nd Inst.	Individual	12,996	15
Van der Meer, J.P. Biology Dalhousie	Genetic and cultivation studies on selected clones of the marine red alga Gracilaria tikvahiae 3yr - 3rd Inst.	Individual	9,305	02
Vanderstoep, J. Food Science British Columbia	Nutrient degradation in food systems 3yr - 3rd Inst.	Individual	12,243	03
Vanderstraeten, G. Génie industriel Ecole Polytechnique	Module de contrôle de gestion des ressources infirmières. Modèle d'affectation des avions aux portes d'un terminal 3ans - 1er vers.	Individuelle	4,240	20
Vanderwolf, C.H. Psychology Western Ontario	Hippocampal and neocortical electrical activity in relation to behavior 3yr - 3rd Inst.	Individual	76,519	12
Van de Vegte, J. Mechanical Eng. Toronto	Analysis and design of control systems 3yr - 2nd Inst.	Individual	23,108	13
Van de Ven, T.G.M. Chemistry McGill	* Refer to S.G.Mason(McGill) 3yr - 1st Inst.	Team		05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Van de Voort, F.R. Food Science Macdonald Coll.	Application of infrared spectroscopy to food analysis 3yr - 2nd Inst.	Individual	14,840	03
Van Dijk, W. Physics/Math. McMaster	KN problem and nonrelativistic quark model	Individual	8,480	15
Van Driel, H.M. Physics Toronto	Interaction of intense laser pulses with semiconductors, metals and dielectries	Individual	24,974	15
Van Eeden, C. Math/statistiques Montréal	Statistical inference with emphasis on rank methods 3ans - 1er vers.	Individuelle	18,254	14
Vaneldik, J.F. Electrical Eng. Alberta	Cryogenic GaAsFet radio astronomy receivers, a new type of correlation receiver, mapping of a supernova remnant	Individual	13,780	17
Van Emden, M.H. Computer Science Waterloo	Development, implementation, and application of logic programming 3yr - 1st Inst.	Individual	26,151	07
Van Eyken, A.L.J. Mechanical Eng. Queen's	Intermittent (pulsatile) administration of gonadotropin releasing hormone (GnRH) by means of self contained surgical implant pump 3yr - 1st Inst.	Individual	10,000	13
Van Heeswijk, R.G. Electrical Eng. Waterloo	Gas insulation research (compressed, barriers, surface flashover)	Individual	15,900	11
Van Hulst, R.K.J. Biology Bishop's	Population biology of Rhinanthus borealis 3yr - 2nd Inst.	Individual	6,360	18
Van Huystee, R.B. Plant Science Western Ontario	Metabolism in plant cell development 3yr - 3rd Inst.	Individual	28,159	02
Vanicek, P. Surveying Eng New Brunswick	Geoid determination 2yr - 2nd Inst.	Individual	14,840	10
Vanier, J. Génie électrique Laval	Electronique quantique 3ans - 1er vers.	Individuelle	46,428	11
Van Kranendonk, J. Physics Toronto	Theoretical molecular and solid state physics 3yr - 3rd Inst.	Individual	8,480	15
Van Loon, G.W. Chemistry Queen's	* Principal investigator J.A.Page(Queen's) 3yr - 3rd Inst.	Team		05
Van Loon, J.C. Geology & Chemistry Toronto	Investigations in analytical atomic absorption, fluorescence and emission spectrometry (valence electron) 3yr - 1st Inst.	Individual	23,850	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Van Oers, W.T.H. Physics Manitoba	IEP-81 - University of Manitoba intermediate energy, Energy Physics Program	Project	59,360	22
Van Oers, W.T.H. Physics Manitoba	IEP-64 - Test of charge symmetry in n-p scattering * with R.Abegg, L.G.Greeniaus, W.J.McDonald, C.A.Miller, G.A.Moss, G.Roy(Alberta), N.E.Davison(Manitoba)	Project	95,104	22
Van Oers, W.T.H. Physics Manitoba	Polarization studies and total reaction cross section measurements	Individual	21,200	22
Van Rees, G.H.J. Computer Science Manitoba	Development of improved combinatorial algorithms 3yr - 2nd Inst.	Individual	4,884	16
Vanstone, S.A. Combin./Optimiz. Waterloo	The analysis and construction of combinatorial designs and codes 3yr - 3rd Inst.	Individual	6,937	16
Van Vliet, C.M. Centre de rech math Montréal	Réponse linéaire, équations cinétiques et fluctuations 3ans - 1er vers.	Individuelle	36,687	15
Van Wijngaarden, A. Physics Windsor	Atomic physics with ion beams 3yr - 1st Inst.	Individual	24,815	15
Varadarajan, K. Math/Statistics Calgary	Wall obstruction, problems in algebraic K-theory & representation theory of finite groups 3yr - 1st Inst.	Individual	15,678	16
Varah, J.M. Computer Science British Columbia	Practical numerical analysis of problems in differential equations and linear algebra 3yr - 3rd Inst.	Individual	30,608	07
Varshni, Y.P. Physics Ottawa	Investigations in theoretical physics and astrophysics 3yr - 2nd Inst.	Individual	16,812	15
Varty, R.L. Mechanical Eng. Toronto	Application of laser-Doppler anemometry to fluid mechanics 3yr - 1st Inst.	Univ. Research Fellow	10,600	13
Vasseur, P. Génie civil Ecole Polytechnique	Refroidissement thermoconvectif de fluides contenus dans des cavités fermées 3ans - 3e vers.	Individuelle	14,692	13
Vaucher, J.G. Infor. & rech opér. Montréal	Safe and efficient systems programming 3ans - 3e vers.	Individuelle	29,383	07
Vaughan, H. Mechanical Eng. British Columbia	1) Strength of Arctic ships 2) Hydrodynamics of ships and platforms 3yr - 1st Inst.	Individual	15,370	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Vaughan, K. Chemistry Saint Mary's	Synthesis and mechanism studies with open-chain triazenes, heterocyclic synthons and selective anti-tumour agents 3yr - 3rd Inst.	Individual	15,304	05
Vederas, J.C. Chemistry Alberta	Biosynthetic mechanisms using stable isotopes 3yr - 1st Inst.	Individual	36,398	05
Veizer, J. Geology Ottawa	Evolution of the terrestrial exogenic system 3yr - 3rd Inst.	Individual	24,486	10
Venart, J.E.S. Mechanical Eng. New Brunswick	Thermal conductivity of fluids and heat transfer 3yr - 3rd Inst.	Individual	30,608	13
Venetsanopoulos, A.N. Electrical Eng. Toronto	Digital signal processing and applications 3yr - 1st Inst.	Individual	28,832	11
Venkataraman, R. Mathematics Manitoba	Analysis on topological groups and topological semi groups 3yr - 2nd Inst.	Individual	1,412	16
Venkatesan, D. Physics Calgary	Space and upper atmospheric physics 3yr - 1st Inst.	Individual	30,740	17
Venter, R.D. Mechanical Eng. Toronto	Mechanics of materials in fracture, forming and manufacturing processes: Rolling compaction of nickel powder 3yr - 1st Inst.	Individual	22,154	13
Vera, J.H. Chemical Eng. McGill	Phase-equilibria and thermodynamic properties of mixtures 3yr - 2nd Inst.	Individual	26,644	04
Verbeek, N.A.M. Biolog. Sciences Simon Fraser	Behavioral ecology of birds 3yr - 2nd Inst.	Individual	22,260	18
Verma, D.P.S. Biology McGill	Regulation of the host and Rhizobium genes involved in symbiotic nitrogen fixation 3yr - 3rd Inst.	Individual	96,720	02
Verma, R.D. Physics New Brunswick	Spectroscopic study of free radicals 3yr - 3rd Inst.	Individual	22,650	15
Verma, S.P. Electrical Eng. Saskatchewan	1) Reduction of acoustic noise in electrical machines 2) Variable speed drives using synchronous machines 3) Shaft-potentials in turbo-generators 4) Monitor for shaft-potentials 3yr - 1st Inst.	Individual	21,624	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Vermeulen, F. Electrical Eng. Alberta	1) Use of electromagnetic heating for the in-situ recovery of fossil fuels. 2) Electrothermic thawing of permafrost for relief of stresses due to frost heaving in chilled gas pipelines 3yr - 3rd Inst.	Individual	27,669	11
Vermeulen, P.J. Mechanical Eng. Calgary	Acoustic control of combustor processes 3yr - 1st Inst.	Individual	16,112	13
Verner, J.H. Math/Statistics Queen's	Numerical solution of ordinary differential equations 3yr - 3rd Inst.	Individual	3,306	07
Verrall, R.E. Chemistry Saskatchewan	Ultrasonic, thermodynamic and spectroscopic studies of biological related molecules and microemulsions 3yr - 1st Inst.	Individual	33,039	05
Vertinsky, I.B. Animal Res. Ecol. British Columbia	Risks, costs and benefits of aggressive interactions and alternative spacing patterns: Individuals and populations	Individual	21,200	18
Vethamany-Globus, S. Biology Waterloo	1) Hormone control of limb regeneration in salamanders 2) Regeneration of pancreas in salamanders 3yr - 3rd Inst.	Individual	17,753	01
Vetter, W.J. Eng./Applied Sci. Memorial	Ocean sediment classification using acoustic sensing 2yr - 2nd Inst.	Individual	13,250	10
Viarouge, P. Génie électrique Laval	Commande électronique et systèmes électriques associés aux aérogénérateurs de moyenne puissance	Individuelle	9,328	11
Vickers, G.W. Mechanical Eng. British Columbia	1) Quasi-helical mill turning 2) Bulk material deformation 3yr - 2nd Inst.	Individual	22,472	13
Vickery, B.J. Engineering Western Ontario	Wind loads on buildings and structures 3yr - 1st Inst.	Individual	28,000	13
Vickson, R.G. Management Sci. Waterloo	Sequencing, controlling and timing problems in industrial scheduling 3yr - 1st Inst.	Individual	31,800	20
Victorri, B. Mathématiques appl Ecole Polytechnique	Simulations de la propagation de potentiels d'action cardiaques 3ans - 2e vers.	Individuelle	1,942	16
Vidaver, W.E. Biolog. Sciences Simon Fraser	Investigations of energy conversion and photobiological control mechanisms in plants 3yr - 2nd Inst.	Individual	21,200	03

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Vidyasagar, M. Electrical Eng. Waterloo	Algebraic system theory / control of large-scale systems 3yr - 2nd Inst.	Individual	62,010	11
Vidyasankar, K. Computer Science Memorial	Efficient algorithms for graph problems concerning coboundaries 3yr - 3rd Inst.	Individual	2,992	16
Vieth, J. Sciences biolog. Montréal	Culture et mutagenèse expérimentale in vitro de Gerbera jamesonii * avec P.Neumann(Montréal),M.A.Dubuc-Lebreux(Univ. du Qué.-Montréal) 3ans - 2e vers.	Equipe	16,324	03
Villegas, C. Mathematics Simon Fraser	Logical Bayesian inference 3yr - 2nd Inst.	Individual	12,248	14
Villeneuve, J.P. INRS-Eau Québec - INRS	1) Modèle mathématique appliqué; 2) Gestion optimale de la ressource eau d'un bassin 3ans - 2e vers.	Individuelle	21,730	06
Villeneuve, L. Génie industriel Ecole Polytechnique	Modèle de mesure dela technologie-Modèle d'automatisation 3ans - 1er vers.	Individuelle	28,620	20
Vincent, B.M. Chimie - biologie Qué.-Trois-Riv.	Variations spatio-temporelles de la dynamyque de population du Gastéropode Bithynia tentaculata en climat froid 3ans - 1er vers.	Individuelle	12,550	18
Viner, M.R. Metallurgical Eng. Queen's	Feeder requirements for the casting of non-ferrous metals and alloys 3yr - 1st Inst.	Individual	13,780	04
Vinet, L. Physique Montréal	Chromodynamique quantique et interaction N-N 3ans - 2e vers.	Chercheur-boursier univ.	10,600	15
Vining, L.C. Biology Dalhousie	Physiology, biochemistry and genetics of antibiotic production 3yr - 1st Inst.	Individual	67,260	02
Vinogradov, A. Civil Engineering Calgary	Creep of structures-creep stability, structure-foundation interaction, creep properties of ice	Univ. Research Fellow	12,720	06
Vinogradov, O. Mechanical Eng. Calgary	Stability of cable-reinforced inflatable structures. Structural damping in vibrating cables. Ship with an auxiliary ice-breaking device 3yr - 2nd Inst.	Individual	19,186	13
Vipond, D. Psychology Saint Thomas	Text comprehension 3yr - 3rd Inst.	Individual	6,122	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Viraraghavan, T. Engineering Regina	Peat filtration of septic tank effluent and municipal secondary effluent 3yr - 1st Inst.	Individual	13,780	06
Virgo, B.B. Biology Windsor	Hormones and exogenous chemicals: Regulation of the monooxygenase system 3yr - 1st Inst.	Individual	13,780	02
Visser, S.A. Sols Laval	Interactions entre substances humiques, argiles et microorganismes du sol	Individuelle	10,960	03
Viswanatha, T. Chemistry Waterloo	1) Structure and function of enzymes 2) Biological N-hydroxylation 3yr - 3rd Inst.	Individual	33,056	02
Viswanathan, K.S. Physics Simon Fraser	Topics in high energy physics and field theory 3yr - 1st Inst.	Individual	17,469	15
Viswanathan, T.R. Electrical Eng. Waterloo	Integrated circuit design	Individual	13,674	11
Vitovec, F.H. Mineral Eng. Alberta	Effect of surface alloying on fatigue life 3yr - 3rd Inst.	Individual	9,060	04
Vitt, D.H. Botany Alberta	The ecology, floristics and systematics of bryophytes, emphasizing arctic and boreal North America 3yr - 2nd Inst.	Individual	38,160	18
Vittecoq, P. Génie mécanique Sherbrooke	Essais en soufflerie sur un rotor de type Darrieus 3ans - 2e vers.	Individuelle	11,978	13
Vlach, J. Electrical Eng. Waterloo	Switched-capacitor networks and methods for very large scale integration 3yr - 2nd Inst.	Individual	23,320	11
Vlachopoulos, J. Chemical Eng. McMaster	1) Polymer processing and rheology, 2) Numerical methods 3yr - 3rd Inst.	Individual	22,527	04
Vladykov, V.D. Biology Ottawa	Northern hemisphere lampreys (Petromyzonidae) 3yr - 3rd Inst.	Individual	3,673	18
Vlcek, J. Forestry Toronto	Thermal sensing for soil water detection in forest nurseries 3yr - 3rd Inst.	Individual	9,794	03
Vocelle, D. Chimie Québec-Montréal	Etude du rôle des isomères syn et anti de la fonction imine dans le mécanisme moléculaire de la vision 3ans - 2e vers.	Individuelle	12,720	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Voda, P.J. Computer Science British Columbia	A programming language based on mathematical principles	Individual	11,748	07
Vo-Dai, T. Informatique Laval	Modélisation et simulation des systèmes informatiques 3ans - 1er vers.	Individuelle	11,748	07
Vogel-Sprott, M.D. Psychology Waterloo	Learning factors in the development of drug tolerance 3yr - 2nd Inst.	Individual	8,480	12
Vogt, E.W. TRIUMF British Columbia	IEP-41 - Research at TRIUMF	Project	150,000	22
Voigt, E.M. Chemistry Simon Fraser	* Principal investigator K.E.Rieckhoff(Simon Fraser) 3yr - 2nd Inst.	Team		15
Vokey, J.R. Psychology Lethbridge	Implicit learning of structure 3yr - 1st Inst.	Individual	7,950	12
Volesky, B. Chemical Eng. McGill	Study and optimization of an anaerobic fermentation process 3yr - 1st Inst.	Individual	18,868	04
Volkov, A.B. Physics McMaster	Nuclear collective properties: rotations, vibrations and heavy ion reactions 3yr - 3rd Inst.	Individual	11,985	15
Vollmerhaus, W. Computer Science Calgary	A generalisation of Kuratowskis theorem	Individual	2,615	07
Vonarburg, J.J. Sciences pures Québec-Chicoutimi	* Chercheur principal G.Gallagher(Qué.-Chicoutimi) 3ans - 3e vers.	Equipe		13
Von Bitter, P.H. Geology Toronto	Carboniferous and permian conodont biostratigraphy and palaeoecology, Arctic Canada 2yr - 1st Inst.	Individual	16,960	10
Von Borstel, R.C. Genetics Alberta	Origin of spontaneous mutations 3yr - 3rd Inst.	Individual	59,991	02
Von Grünau, M.W. Psychology Queen's	Psychophysical, behavioral and electrophysiological studies in strabismic amblyopia 2yr - 1st Inst.	Univ. Research Fellow	21,250	12
Von Keviczky, A.B. Mathematics Concordia	Wiener-Hopf, trace class and hammerstein operators in H-Phi (Pi) with radialaction 3yr - 1st Inst.	Individual	2,450	16
Von Lanzenauer, C.H. Business Admin. Western Ontario	Probabilistic assessment of systems	Individual	8,480	21

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Von Tigerstrom, R.G. Microbiology Alberta	RNA-degrading enzymes in yeast. Extracellular products of Lysobacter species 3yr - 1st Inst.	Individual	16,720	02
Von zur Gathen, J. Computer Science Toronto	Parallel algebraic algorithms	Individual	11,660	07
Vosko, S.H. Physics Toronto	Theoretical studies of metals, alloys and magnetism 3yr - 2nd Inst.	Individual	38,807	15
Voss, W.A.G. Electrical Eng. Alberta	Microwave power and instrumentation 3yr - 2nd Inst.	Individual	26,238	11
Vo-Van, T. Math/physique Moncton	Propriétés optiques et photoélectriques des matériaux 3ans - 2e vers.	Individuelle	14,246	15
Vranesic, Z.G. Electrical Eng. Toronto	Reliable and distributed computer systems 3yr - 1st Inst.	Individual	25,016	11
Vreeken, W.J. Geography Queen's	Quaternary environments and paleosols in southern Alberta 2yr - 2nd Inst.	Individual	9,540	10
Vroomen, L.J. Mechanical Eng. McGill	* Refer to P.J.A.Zsombor-Murray(McGill) 3yr - 1st Inst.	Team		13
Vuong, S.T. Computer Science British Columbia	Design and validation of computer network protocols	Individual	12,720	07
Wacker, A.G. Electrical Eng. Saskatchewan	Image processing (Registration)	Individual	5,512	11
Waddington, J.C. Physics McMaster	Nuclear structure studies of medium mass nuclei	Individual	49,300	22
Wade, W.D. Anthropology Manitoba	* Principal investigator S.K.Pfeiffer(Guelph) 3yr - 2nd Inst.	Team		21
Wagenaar, E.B. Biolog. Sciences Lethbridge	Regulation of mitosis	Individual	15,900	02
Wahlsten, D.L. Psychology Waterloo	Developmental and genetic studies of mouse brain and behavior 3yr - 2nd Inst.	Individual	26,500	12
Wainwright, J. Applied Math. Waterloo	Exact solutions of Einstein's equations, and algebraic computing 3yr - 3rd Inst.	Individual	7,798	15
Wainwright, L.K. Biology Mt. St. Vincent	Chick pineal xanthine oxidase - a component of the endogenous biological clock 3yr - 2nd Inst.	Individual	9,010	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wainwright, P.E. Human Kinetics Waterloo	The effect of prenatal nutrition on fibre tract development in the brain of the laboratory mouse 3yr - 3rd Inst.	Individual	11,019	01
Walden, D.B. Plant Science Western Ontario	Maize cytogenetics and gene expression 3yr - 2nd Inst.	Individual	42,400	02
Walden, P.L. TRIUMF British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Walden, P.L. TRIUMF British Columbia	* Refer to G.Jones(British Columbia)	Project		22
Waldron, J.W.F. Geology Saint Mary's	Thrusting and mélange development, western Newfoundland Appalachians 2yr - 2nd Inst.	Individual	9,858	10
Walker, B.L. Nutrition Guelph	Dietary lipids and lipogenesis: nutrition-genetic interactions 3yr - 2nd Inst.	Individual	31,800	01
Walker, D.C. Chemistry British Columbia	* Refer to D.G.Fleming(British Columbia)	Project		22
Walker, D.C. Chemistry British Columbia	IEP-82 - Muonium Chemistry in Condensed Media	Project	26,450	22
Walker, D.C. Chemistry British Columbia	Radiation chemistry and related studies: including solvated electron studies, origins of optical activity and positronium chemistry 3yr - 2nd Inst.	Individual	39,220	05
Walker, G. Mechanical Eng. Calgary	Optimal design of Stirling cycle systems 3yr - 1st Inst.	Individual	31,588	13
Walker, G.A.H. Geophys./Astron. British Columbia	Astronomical spectroscopy	Individual	20,140	17
Walker, G.A.H. Geophys./Astron. British Columbia	Area photometry and spectroscopy with low light level multichannel detectors * with G.G.Fahlman,P.Hickson,J.R.Auman, T.K.Menon,H.B.Richer(B.C.) 3yr - 3rd Inst.	Co-op	77,131	17
Walker, I.M. Chemistry York	Polarized crystalline spectra of oriented solids at low temperatures 3yr - 3rd Inst.	Individual	7,346	05
Walker, M.B. Physics Toronto	Theory of incommensurate charge and spin density wave phenomena 3yr - 3rd Inst.	Individual	29,114	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Walker, M.D. Math/Comp Science York	1) Homotopy pullbacks 2) Mathematics and cosmology 3) Survey of algebraic topology 3yr - 3rd Inst.	Individual	1,428	16
Walker, R.G. Geology McMaster	Development of clastic facies models; emphasis on shallow marine systems 3yr - 3rd Inst.	Individual	36,729	10
Walker, S. Chemistry Lakehead	Dielectric relaxation studies 3yr - 2nd Inst.	Individual	33,496	05
Walker, V.K. Biology Queen's	Ecdysterone-regulated gene expression in Drosophila development 3yr - 2nd Inst.	Univ. Research Fellow	22,260	02
Wallace, J.S. Mechanical Eng. Toronto	Soot formation from aromatic hydrocarbons 3yr - 3rd Inst.	Individual	11,631	13
Wallace, P.R. Physics McGill	Semiconductors and semimetals in intense magnetic fields	Individual	33,931	15
Wallace, R. Chemistry Manitoba	Theory of molecular processes 3yr - 3rd Inst.	Individual	25,710	05
Wallace, S.C. Chemistry Toronto	Laser spectroscopy and molecular dynamics 3yr - 1st Inst.	Individual	36,398	05
Wallen, D.G. Biology Windsor	1) Algal production and heterotrophy in western Lake Erie 2) The effect of heavy metals and octachlorostyrene on photosynthesis on metabolism of phytoplankton 3) Nitrogen metabolism of the periphyton in Devil Lake	Individual	22,260	18
Waller, D.H. Civil Engineering Tech. Univ. N.S.	Urban storm water quality - Sources and processes 3yr - 1st Inst.	Individual	16,960	06
Walley, R.E. Psychology Alberta	Effects of arousal on information processing 3yr - 2nd Inst.	Individual	5,300	12
Wallis, P.M. Kananaskis Centre Calgary	Release of amino acids by bacteria in streams 2yr - 1st Inst.	Individual	13,750	18
Walsh, D. Physics McGill	Raman scattering and photoluminescence in magnetic and semiconducting compounds 3yr - 1st Inst.	Individual	23,076	15
Walsh, J.B. Mathematics British Columbia	Probability theory and applications 3yr - 3rd Inst.	Individual	38,083	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Walsh, P.J. Biology Ottawa	Effects of temperature and activity on acid-base regulation in fish 3yr - 1st Inst.	Individual	15,900	01
Walsh, T.R. Computer Science Western Ontario	Design and analysis of efficient algorithms for enumeration of graphs and maps 3yr - 2nd Inst.	Individual	6,708	16
Walters, C.J. Animal Res. Ecol. British Columbia	1) Models for adaptive management of renewable resources; 2) Dynamics of disturbed plankton systems 3yr - 2nd Inst.	Individual	29,680	18
Walters, C.J. Animal Res. Ecol. British Columbia	Experimenial manipulation of plankton communities * with W.E.Neill,T.G.Northcote(British Columbia)	Co-op	10,600	18
Walters, G.C. Psychology Toronto	Studies of the aversive control of behavior 3yr - 3rd Inst.	Individual	17,385	12
Walton, D. Physics McMaster	Phonon interactions 3yr - 2nd Inst.	Individual	37,407	15
Walton, J.S. Animal/Poultry Sc. Guelph	Regulation of ovarian activity in cattle and swine 3yr - 1st Inst.	Individual	15,815	01
Walton, P.D. Plant Science Alberta	Clonal plasticity in smooth brome grass	Individual	16,260	03
Waltz, W.L. Chemistry Saskatchewan	Photochemistry and radiation chemistry of transition metal compounds	Individual	16,960	05
Wan, F.Y.M. Mathematics British Columbia	Mathematical problems in elasticity, economics & neurobiology 3yr - 1st Inst.	Individual	25,958	16
Wan, J.K.S. Chemistry Queen's	The physical and chemical aspects of free radicals * with D.A.Hutchinson(Queen's) 3yr - 2nd Inst.	Team	42,400	05
Wang, C.L. Mathematics Regina	Approximation and optimization 3yr - 1st Inst.	Individual	2,450	16
Wang, E.T.H. Mathematics Wilfrid Laurier	Convexity property of the permanent function on doubly stochastic matrices 3yr - 1st Inst.	Individual	2,500	16
Wang, J.C.Y. Ctre.-Build. Stud. Concordia	Experimental study on the air-to-air heat recovery devices	Individual	8,162	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wang, L. Zoology Alberta	Homeotherms in cold: Strategies and adaptations 3yr - 2nd Inst.	Individual	35,510	01
Wang, M.Y. Mathematical Sci. McMaster	The topology and geometry of homogeneous spaces 3yr - 2nd Inst.	Univ. Research Fellow	5,904	16
Wang, P.C.C. Math/Statistics Calgary	Infinitesimal robustness theory and applications 3yr - 3rd Inst.	Individual	2,069	14
Wang, S.F. Physics Waterloo	Theoretical studies of electrical and thermodynamic properties of metallic systems 3yr - 1st Inst.	Individual	22,101	15
Wang, Y.H. Mathematics Concordia	Characterization of distributions and its applications 3yr - 3rd Inst.	Individual	4,970	14
Wangersky, P.J. Oceanography Dalhousie	The carbon cycle in the open ocean 3yr - 3rd Inst.	Individual	36,729	21
Wani, J. Math/Statistics Calgary	Parametric estimation associated with invariant abundance distributions 3yr - 1st Inst.	Individual	4,295	14
Wanke, S.E. Chemical Eng. Alberta	Characterization and activity of supported metal catalysts 3yr - 2nd Inst.	Individual	30,952	04
Warburton, A.R. Management Sciences Ottawa	Exact and approximate generation of pareto optima, with applications to mathematical programming	Individual	8,981	07
Ward, C.A. Mechanical Eng. Toronto	Characterization of the adsorptive interaction between a gas and a solid 3yr - 1st Inst.	Individual	34,662	13
Ward, L.M. Psychology British Columbia	Psychophysics, measurement, and pattern recognition 3yr - 3rd Inst.	Individual	17,140	12
Ward, M.A. Civil Engineering Calgary	Energy efficient and durable concrete * with B.H.Langan(Calgary) 3yr - 3rd Inst.	Team	36,729	06
Ward, R. Electrical Eng. British Columbia	1) Error correcting and detecting codes 2) System identification	Individual	12,402	11
Ward, R.M. Psychologie Qué.-Trois-Riv.	Asymétrie cérébrale chez les vertébrés 3ans - 2e vers.	Individuelle	12,720	12
Wardlaw, N.C. Geology & Geophys. Calgary	Fluid flow in sedimentary rocks and oil and gas production 3yr - 1st Inst.	Individual	37,000	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Ware, W.R. Chemistry Western Ontario	Photophysics of polyatomic molecules 2yr - 1st Inst.	Individual	44,520	05
Warkentin, J. Chemistry McMaster	Mechanistic and synthetic studies in organic chemistry 3yr - 3rd Inst.	Individual	50,196	05
Warman, P.R. Chemistry N.S.A.C.	Soil organic matter studies using insolubilized hydrolase enzymes 3yr - 1st Inst.	Individual	12,720	03
Warn, T. Meteorology McGill	Nonlinear aspects of atmospheric waves 3yr - 1st Inst.	Individual	15,900	17
Warner, A.H. Biology Windsor	Dinucleoside polyphosphates and proteases in the regulation of development 3yr - 2nd Inst.	Individual	23,320	02
Warner, S.L. Management Sciences York	Designing ethical experiments with human subjects 3yr - 1st Inst.	Individual	12,238	14
Warnhoff, E.W. Chemistry Western Ontario	Organic reaction mechanism studies 3yr - 3rd Inst.	Individual	22,037	05
Warnock, R.G. Civil Engineering Ottawa	1) Nutrient removal in septic tank effluent applied to soil 2) Suspension and transport of fine-grained soil particles in streams 3yr - 3rd Inst.	Individual	12,243	06
Warren, H.V. Geological Sciences British Columbia	Biogeochemistry as a ancillary tool in prospecting	Individual	13,780	10
Warren, J.B. Physics British Columbia	* Refer to C.J.Oram(British Columbia)	Project		22
Warren, J.E. Physics Lakehead	IEP-58 - Muon Conversion	Project	8,491	22
Warren, R.A.J. Microbiology British Columbia	Studies on bacteriophage OW-14 3yr - 2nd Inst.	Individual	33,920	02
Warshaw, L.D. Architecture Montréal	* Chercheur principal C.Parisel(Montréal) 3ans - 2e vers.	Equipe		06
Warwaruk, J. Civil Engineering Alberta	Research in prestressed concrete and structural masonry 3yr - 1st Inst.	Individual	30,210	06
Wasan, M.T. Math/Statistics Queen's	Statistical inference for stochastic processes 3yr - 1st Inst.	Individual	6,443	14

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wassersug, R.J. Anatomy Dalhousie	A kinematic analysis of the locomotion of anuran larvae 3yr - 2nd Inst.	Individual	31,800	01
Wasylishen, R.E. Chemistry Dalhousie	Multinuclear nuclear magnetic resonance studies of molecular motion in liquids and orientationally disordered solids 3yr - 1st Inst.	Individual	34,278	05
Watanabe, T. Geophys./Astron. British Columbia	Magnetic pulsations and related magnetospheric phenomena 3yr - 2nd Inst.	Individual	28,080	17
Watkinson, A.P. Chemical Eng. British Columbia	Gas/Solid reactions and transfer processes: Electrochemical engineering, heat exchange fouling 3yr - 1st Inst.	Individual	25,228	04
Watkinson, D.H. Geology Carleton	Genesis of metallic mineral deposits 3yr - 1st Inst.	Individual	22,260	10
Watson, A. Electrical Eng. Windsor	Liquid dielectrics / pulsed power 3yr - 3rd Inst.	Individual	9,060	11
Watson, A.K. Plant Science Macdonald Coll.	Host specialization of Puccinia attacking carduese	Individual	9,540	18
Watson, B.B. Math/Statistics Memorial	Tauberian theorems in summability theory and results in fixed point theory 3yr - 1st Inst.	Individual	2,980	16
Watson, P.J.S. Physics Carleton	Q.C.D. and CHEER 3yr - 3rd Inst.	Individual	10,761	15
Watt, D.F. Eng Materials Windsor	Deformation in multiple phase alloys with large spacing between barriers 3yr - 3rd Inst.	Individual	11,508	04
Watt, W.E. Civil Engineering Queen's	Streamflow prediction, simulation and forecasting 3yr - 3rd Inst.	Individual	16,529	06
Watters, B.R. Geology Regina	Geochemical study of volcanic rocks in the La Ronge and Amisk Lake areas, Northern Saskatchewan 2yr - 2nd Inst.	Individual	9,540	10
Watton, A. Physics Victoria	Molecular dynamics in solids * with H.E.Petch(Victoria) 3yr - 2nd Inst.	Team	21,200	15
Watts, D.G. Math/Statistics Queen's	Statistical design and analysis for nonlinear models 3yr - 3rd Inst.	Individual	13,461	14
Watts, K.C. Mechanical Eng. Tech. Univ. N.S.	Ocean wave energy conversion and biogas generation from dairy manure 3yr - 2nd Inst.	Individual	14,840	13

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Waugh, W.A.O. Statistics Toronto	Applications of stochastic processes & associated theoretical development 3yr - 3rd Inst.	Individual	2,424	14
Waylen, P.R. Geography Saskatchewan	Stochastic analysis of floods on western and central Canada	Individual	8,729	10
Wayman, M. Chemical Eng. Toronto	Wood chemistry: wood-based chemicals and energy	Individual	28,938	04
Wayman, M.L. Mineral Eng. Alberta	1) Segregation and precipitation in iron alloys 2) Historical metallurgy	Individual	14,310	04
Weatherhead, P.J. Biology Carleton	Avian reproductive strategies 2yr - 1st Inst.	Univ. Research Fellow	33,920	18
Weatherley, A.H. Zoology Toronto	Experimental investigations of growth in fish 3yr - 3rd Inst.	Individual	17,140	01
Weatherly, G.C. Metal/Mat. Science Toronto	Relationship between structure and properties of engineering materials 3yr - 2nd Inst.	Individual	50,718	04
Weaver, D.S. Mechanical Eng. McMaster	Flow induced vibrations in heat exchangers and valves 3yr - 3rd Inst.	Individual	23,262	13
Weaver, J.T. Physics Victoria	Electromagnetic induction in the earth and oceans 3yr - 1st Inst.	Individual	22,260	10
Webb, D.T. Biology Queen's	1) In vitro studies of cycad root nodulation 2) In vitro studies of cycad-Nostoc symbiosis 3) Cycad tissue culture regeneration 3yr - 1st Inst.	Individual	21,200	03
Webb, J.A. Biology Carleton	Metabolism of galactosyl-sucrose oligosaccharides 3yr - 2nd Inst.	Individual	13,780	03
Webb, J.P. Electrical Eng. McGill	Computational analysis and design of high-frequency electromagnetic problems	Individual	12,932	11
Webb, R.A. Biology York	Neurosecretion in flatworms and annelids 3yr - 3rd Inst.	Individual	17,875	01
Webber, C.E. Radiology McMaster	The sensitivity of the ash weight and density of various bones to changes in total body calcium in the rat 3yr - 2nd Inst.	Individual	15,900	01
Weber, M.E. Chemical Eng. McGill	Multiphase behaviour and transport 3yr - 1st Inst.	Individual	23,108	04

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Webster, A.R. Fac. of Eng. Sci. Western Ontario	Microwave fading in south-western Ontario 3yr - 3rd Inst.	Individual	9,917	11
Webster, G.R. Soil Science Alberta	Reclamation of solonetzic soils 3yr - 1st Inst.	Individual	27,750	03
Webster, G.R.B. Soil Science Manitoba	Fate and degradation of selected chlorinated dioxins in replicated aquatic systems	Individual	14,840	18
Webster, J.M. Biolog. Sciences Simon Fraser	Host parasite relationships of nematodes in insects and plants 3yr - 2nd Inst.	Individual	47,700	03
Webster, W.G. Psychology Carleton	Stuttering: neuropsychological perspectives 3yr - 1st Inst.	Individual	12,084	12
Wedepohl, L.M. Electrical Eng. British Columbia	Performance of electric power systems and relay protection	Individual	11,660	11
Wedley, W.C. Faculty of Business Simon Fraser	Computer assisted managerial decision support systems * with R.HG.Field,D.W.Tjosvold(Simon Fraser)	Team	19,080	20
Weedon, A.C. Chemistry Western Ontario	Organic chemistry	Individual	23,678	05
Weeks, G. Microbiology British Columbia	The role of lipid and membranes in the differentiation of Dictyostelium discoideum 3yr - 1st Inst.	Individual	33,920	02
Weetman, G.F. Forest Science British Columbia	Forest fertilization and nutrition	Individual	26,860	03
Wehlau, A.F. Astronomy Western Ontario	Variable stars in globular clusters and nearby galaxies 3yr - 1st Inst.	Individual	8,056	17
Wehlau, W.H. Astronomy Western Ontario	Optical and infrared studies of stars 3yr - 3rd Inst.	Individual	14,692	17
Wehlau, W.H. Astronomy Western Ontario	Fourier spectroscopy of astronomical objects * with R.P.Lowe,J.M.Moorhead(Western Ontario) 3yr - 3rd Inst.	Co-op	14,692	17
Wehrhahn, C.F. Animal Res. Ecol. British Columbia	Experimental quantitative and theoretical population genetics 3yr - 1st Inst.	Individual	21,200	18
Wei, L.Y. Electrical Eng. Waterloo	Signal analysis of speech and human pulse 3yr - 1st Inst.	Individual	9,010	11

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Weichman, F.L. Physics Alberta	Optical and electronic properties of III-V compounds 3yr - 1st Inst.	Individual	18,455	15
Weil, J.A. Chem & Chem Eng. Saskatchewan	Magnetic resonance and chemical studies of complex systems 3yr - 2nd Inst.	Individual	50,880	05
Weiler, L. Chemistry British Columbia	Synthesis and study of organic compounds	Individual	38,339	05
Wein, R.W. Biology New Brunswick	Ecosystem functioning and fire in the Acadian forest 3yr - 3rd Inst.	Individual	15,916	18
Weinberg, F. Metallurgical Eng. British Columbia	Solidification of metals 3yr - 1st Inst.	Individual	47,700	04
Weinberg, H. Psychology Simon Fraser	Localisation of current sources in the brain, associated with slow potentials 3yr - 1st Inst.	Individual	15,900	12
Weinberger, P. Biology Ottawa	The transport, ecophysiology and toxicology of three pesticides and cosolvents in flow-through aquatic environments 3yr - 3rd Inst.	Individual	11,019	03
Weingarten, H.P. Psychology McMaster	The role of learning in meal initiation and feeding 3yr - 1st Inst.	Individual	12,932	12
Weingartshofer, A. Physics St. F. Xavier	Electron scattering in intense laser fields 3yr - 2nd Inst.	Individual	40,619	15
Weir, N.A. Chemistry Lakehead	Photo and photooxidative reactions of polymers 3yr - 2nd Inst.	Individual	18,762	05
Weis, I.M. Biology Windsor	Effects of competition on the demography and reproduction of fugitive species	Individual	10,600	18
Weisbart, M. Biology St. F. Xavier	Physiological significance of steroids in fish 3yr - 3rd Inst.	Individual	19,957	01
Weisman, R.G. Psychology Queen's	The representation of stimulus order in animals 3yr - 2nd Inst.	Individual	19,292	12
Weiss, A.R. Mathematics Alberta	1) Units of integral group rings; 2) Analytic theory of number fields 3yr - 3rd Inst.	Individual	2,380	16
Weiss, N. Physics British Columbia	Gauge theories in elementary particle interactions	Individual	17,289	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Weiss, W.A.R. Mathematics Toronto	Applications of set theory: infinite combinatorics and topology 3yr - 3rd Inst.	Individual	8,570	16
Welch, G.A. Astronomy Saint Mary's	Photometry of cD galaxies using a CCD imaging system 3yr - 1st Inst.	Individual	12,190	17
Welch, H.E. Zoology Manitoba	Invertebrate parasitology	Individual	7,420	01
Weldon, K.L. Mathematics Simon Fraser	1) Cross-sectional sampling 2) Multivariate data analysis 3yr - 2nd Inst.	Individual	5,777	14
Welke, R.J. Man. Sc./Inf.Sys. McMaster	Development and testing of a solution to the methodological schema representation, selection and mapping problem	Individual	9,336	07
Wellington, W.G. Animal Res. Ecol. British Columbia	Dispersal, establishment, and population dynamics in relation to habitat structure 3yr - 3rd Inst.	Individual	53,869	18
Wells, D.E. Surveying Eng New Brunswick	Arctic navigation/Satellite positioning 3yr - 1st Inst.	Individual	31,800	06
Wells, G.A. Stat. & Actuar. Sc Western Ontario	Estimation of logit, log odds and common odds katio 3yr - 1st Inst.	Individual	4,295	14
Wells, R.B. Psychology Carleton	* Refer to A.R.Moffitt(Carleton) 3yr - 1st Inst.	Team		12
Wenger, H.A. Physical Education Victoria	The nature of enhanced physiological function in response to quantified exercise 3yr - 2nd Inst.	Individual	18,020	01
Wentzell, R.A. Applied Math. Waterloo	Cavitation and the dynamics of microbubbles 3yr - 2nd Inst.	Individual	8,472	16
Werker, J.F. Psychology Dalhousie	The organization of speech perception: infants and adults 3yr - 1st Inst.	Individual	11,130	12
Werstiuk, N.H. Chemistry McMaster	Studies on the mechanisms of organic reactions 3yr - 2nd Inst.	Individual	28,620	05
Wertheimer, M.R. Génie-physique Ecole Polytechnique	New applications of "cold" microwave plasmas 3ans - 1er vers.	Individuelle	39,962	04
Wesemael, F. Physique Montréal	Etude des propriétes atmosphériques des étoiles naines blanches 3ans - 3e vers.	Chercheur-boursier univ.	21,426	17

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wesolowsky, G.O. Man. Sc./Inf.Sys. McMaster	1) Location models 2) Multistage inventory models 3yr - 1st Inst.	Individual	19,190	20
Wesson, P.S. Physics Alberta	Relativistic astrophysics (Self-similar solutions in general relativity and their application) 2yr - 1st Inst.	Univ. Research Fellow	21,200	17
West, G.F. Physics Toronto	Applied, regional and tectono-geophysics 3yr - 3rd Inst.	Individual	40,402	10
West, N.H. Physiology Saskatchewan	Respiratory control in larval and adult amphibians 3yr - 3rd Inst.	Individual	19,589	01
Westaway, K.C. Chemistry Laurentian	Isotope effects and transition state structure in SN2 reactions 2yr - 1st Inst.	Individual	14,310	05
Westbrook, D.R. Math/Statistics Calgary	Free boundary problems 3yr - 1st Inst.	Individual	5,550	16
Westermann, G.E.G. Geology McMaster	Jurassic ammonites and cephalopod shells 3yr - 1st Inst.	Individual	48,760	10
Westermann, J.E.M. Biology McMaster	Morphology of fish tissues 3yr - 2nd Inst.	Individual	12,720	02
Westgate, J.A. Geology Toronto	1) Stratigraphic applications of late Cenozoic volcanics in western North America 2) Quaternary geology and hydrogeology of the Newmarket region, Ontario 3yr - 1st Inst.	Individual	33,920	10
Westlake, D.W.S. Microbiology Alberta	Microbial metabolism of natural products 3yr - 2nd Inst.	Individual	46,640	02
Westmore, J.B. Chemistry Manitoba	1) Analysis of organic compounds of biological importance by chromatography and mass spectrometry 2) Mass spectral studies of metal complexes 3yr - 2nd Inst.	Individual	16,960	05
Westwick, R. Mathematics British Columbia	Classification problems concerning trivectors 3yr - 1st Inst.	Individual	1,000	16
Wetmore, R.W. Chemistry Guelph	Ab initio CIPT calculations of the structure and properties of small molecules in their ground and excited states 3yr - 3rd Inst.	Univ. Research Fellow	19,589	05

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wevers, H.W. Mechanical Eng. Queen's	The effect of tissue properties on joint stability and the kinematic behaviour of the human knee in medio-lateral bending * with J.T.Bryant(Queen's) 3yr - 3rd Inst.	Team	27,547	13
Wexler, A. Electrical Eng. Manitoba	Numerical analysis of fields 3yr - 1st Inst.	Individual	23,638	11
Whippey, P.W. Physics Western Ontario	Image processing and its applications to biological structures 3yr - 3rd Inst.	Individual	11,019	15
Whishaw, I.Q. Psychology Lethbridge	Studies on forebrain-brainstem interactions in the control of movement 3yr - 3rd Inst.	Individual	28,772	12
White, B.L. Physics British Columbia	IEP-57 - pp and pd Interactions at threshold * with E.G.Auld, D.A.Axen,M.Comyn,K.L.Erdman, R.Howard(British Columbia), G.A.Beer,L.P.Robertson(Victoria)	Project	178,500	22
White, B.N. Biology Queen's	1) Evolution of insect vitellogenin genes 2) Analysis of two small multigene families in drosophila 3) Analysis of gene flow in the lesser Snow Goose 3yr - 1st Inst.	Individual	42,400	02
White, C.W. Psychology Concordia	Psychophysics of retinotopic and spatiotopic processes in perception	Individual	14,840	12
White, G.M. Computer Science Ottawa	The use and application of speech recognition to problems in office automation	Individual	3,056	07
White, J.C. Geology New Brunswick	Electron microscopy studies of deformed rocks and minerals 2yr - 1st Inst.	Individual	16,960	10
White, L.J. Computer Science Alberta	Research in computer program testing	Individual	31,800	07
White, M.A. Chemistry Dalhousie	Low-temperature high-pressure calorimetry 3yr - 3rd Inst.	Univ. Research Fellow	16,561	05
White, M.A. Chemistry Waterloo	Low-temperature high-pressure calorimetry 3yr - 3rd Inst.	Univ. Research Fellow	3,028	05
White, N.M. Psychology McGill	Behavioral organization and physiological basis of reinforcement 3yr - 3rd Inst.	Individual	19,589	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
White, P.S. Chemistry New Brunswick	Development of methods for solving and refining crystal structures and their application to structural studies of chemical interest	Individual	16,960	05
White, R.L. Chemistry Dalhousie	Biosynthesis of natural products	Univ. Research Fellow	10,600	05
White, R.W. Ctre.-Build. Stud. Concordia	Daylight and shading studies of atrium spaces 3yr - 2nd Inst.	Individual	11,660	06
White, W.E. Mechanical Eng. Calgary	Deformation and fracture of engineering materials and environmental influences 3yr - 2nd Inst.	Individual	16,748	13
Whitehead, M.A. Chemistry McGill	Nuclear quadrupole resonance spectroscopy and theoretical quantum chemistry 3yr - 1st Inst.	Individual	36,040	05
Whitehead, R.E. Geology Laurentian	Distribution of Se, Te and As between hydrothermal and magmatic ores at Strathcona and Onaping Mines 2yr - 2nd Inst.	Individual	8,480	10
Whiteley, H.R. Engineering Guelph	Streamflow-generation modeling under discontinuous snowcover conditions 3yr - 1st Inst.	Individual	13,780	06
Whiteley, W.J. Centre de rech math Montréal	Geometry of rigid structures 3ans - 2e vers.	Individuelle	4,236	16
Whitfield, J.H.M. Mathematical Sci. Lakehead	Geometry and nonlinear analysis on Banach spaces 3yr - 1st Inst.	Individual	6,410	16
Whiting, S.J. Home Economics Mt. St. Vincent	Studies on the mechanism of high protein-induced hypercalciuria 3yr - 1st Inst.	Individual	10,600	01
Whitmore, G.A. Management Sciences McGill	Regression methods for First-passage-time data 3yr - 1st Inst.	Individual	5,369	14
Whitmore, M.D. Physics Memorial	Anisotropic superconductors, and impurity effects in solids 3yr - 2nd Inst.	Individual	8,127	15
Whitney, R.A. Chemistry Queen's	Synthesis of natural products 2yr - 1st Inst.	Individual	22,790	05
Whittington, S.G. Chemistry Toronto	Statistical mechanics of polymers and percolation processes 3yr - 2nd Inst.	Individual	32,330	05

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wicks, F.J. Geology Toronto	Crystal-chemical studies of serpentine minerals	Individual	13,250	10
Widden, P.R. Biology Concordia	Ecology of soil fungi in forest and mountain ecosystems 3yr - 3rd Inst.	Individual	12,243	03
Wiebe, J.P. Zoology Western Ontario	Steroidogenesis, hormone receptors and the induction of meiosis in the testis 3yr - 3rd Inst.	Individual	30,608	02
Wiener, N.I. Psychology York	Experimental gastric ulcers: The role of central catecholamine systems 3yr - 3rd Inst.	Individual	6,122	12
Wiens, D.P. Math,Stat&Comp Sc Dalhousie	Robust estimation of multivariate location and scale in the presence of asymmetry; asymptotically minimax M-estimators 3yr - 1st Inst.	Individual	4,833	14
Wiens, T.J. Zoology Manitoba	Integration in lobster cardiac ganglion neurons 3yr - 3rd Inst.	Individual	9,183	01
Wierzba, I. Mechanical Eng. Calgary	Research into the combustion and flammability of some gaseous fuel mixtures in air	Individual	12,720	13
Wieser, H. Chemistry Calgary	Rotation, vibration and VCD spectra and dynamics of ring molecules 3yr - 3rd Inst.	Individual	17,140	05
Wiesner, K. Chemistry New Brunswick	Studies in medicinal and synthetic chemistry 3yr - 1st Inst.	Individual	64,130	05
Wigfield, D.C. Chemistry Carleton	Chemical and biochemical mechanisms in toxic action 2yr - 1st Inst.	Individual	30,919	05
Wigham, J.M. Civil Engineering Saskatchewan	Physical modelling of snowmelt runoff 3yr - 3rd Inst.	Individual	10,407	06
Wight, J.S. Electronics Carleton	Synchronization circuits, microwave circuits and antenna structures for digital and analog free space communications 3yr - 1st Inst.	Individual	11,024	11
Wightman, F. Biology Carleton	Studies on the hormonal substances and biochemical processes that regulate plant growth and floral development 3yr - 2nd Inst.	Individual	42,400	03
Wigley, N.M. Mathematics Windsor	Elliptic boundary value problems in domains with corners 3yr - 3rd Inst.	Individual	2,992	16

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wilcock, B. Pathology Guelph	Cold stress and porcine neonatal colibacillosis 3yr - 2nd Inst.	Individual	10,176	01
Wilk, S.F.J. Physics Manitoba	N-Body scattering and reaction theory 3yr - 3rd Inst.	Individual	7,652	15
Wilkens, J.L. Biology Calgary	Crustacean cardiac and respiratory physiology; brachiopod muscle physiology; synaptic pharmacology 3yr - 3rd Inst.	Individual	25,099	01
Wilker, J.B. Mathematics Toronto	Inversive geometry and its applications 3yr - 2nd Inst.	Individual	3,294	16
Wilkie, B.N. Vet. Micro./Immun. Guelph	Genetic control of immune response and disease resistance in pigs	Individual	12,849	01
Wilkie, D.M. Psychology British Columbia	Studies of animal memory 3yr - 2nd Inst.	Individual	18,656	12
Wilkie, K.I. Agricult. Eng. Tech. Univ. N.S.	Efficient utilization of energy in "On-Farm) processing	Individual	3,180	20
Wilkinson, D.S. Metallurgy McMaster	Mechanical properties of materials at elevated temperatures	Individual	15,688	04
Wilkinson, F.E. Psychology McGill	Visual behaviour following neonatal ablation of visual cortex 3yr - 2nd Inst.	Individual	12,190	12
Will, G.T. Civil Engineering Toronto	Design of buildings for lateral forces	Individual	10,600	06
Willard, S. Mathematics Alberta	Mappings of topological spaces 3yr - 3rd Inst.	Individual	2,380	16
Williams, D.D. Life Sciences Toronto	Role of behaviour in determining the distribution of running water invertebrates 3yr - 3rd Inst.	Individual	24,486	18
Williams, D.L. Physics British Columbia	IEP-107 - Muon Knight shifts in metals * with J.H.Brewer(British Columbia)	Project	26,400	22
Williams, D.L. Physics British Columbia	Electrons in metals	Individual	20,140	15
Williams, G. Physics Manitoba	Interaction effects in dilute metallic alloys 3yr - 2nd Inst.	Individual	34,079	15

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Williams, H. Earth Sciences Memorial	Anatomy of the Appalachian-Caledonides Orogen and offshore extensions 3yr - 2nd Inst.	Individual	53,000	10
Williams, H.C. Computer Science Manitoba	Computer algorithms for solving problems in number theory 3yr - 2nd Inst.	Individual	26,712	16
Williams, H.L. Chemical Eng. Toronto	Properties of polymers in relation to uses 3yr - 2nd Inst.	Individual	33,072	04
Williams, H.R. Geological Sciences Brock	Analysis of part of the Britt Domain, Ontario Gneiss Segment, Grenville Province 2yr - 2nd Inst.	Individual	13,780	10
Williams, J.P. Botany Toronto	Glycerolipid biosynthesis in higher plants 3yr - 3rd Inst.	Individual	39,178	03
Williams, K.S. Math/Statistics Carleton	Class numbers and representations of primes 3yr - 1st Inst.	Individual	15,678	16
Williams, M.R. Computer Science Calgary	Computer generated instructional aids	Individual	7,519	07
Williams, P.F. Geology New Brunswick	Deformation mechanisms and tectonic processes 3yr - 1st Inst	Individual	36,040	10
Williams, R.K. Chemistry Guelph	Pressure effects on enzymes, biopolymers and model compounds 3yr - 2nd Inst.	Individual	8,480	05
Williams, T.D. Optometry Waterloo	Correlative morphology of human optic nerve head and visual field	Individual	9,885	01
Williams, W.M. Mining/Metal. Eng. McGill	Monitoring metallurgical processes with physical methods 3yr - 1st Inst.	Individual	18,338	04
Williams-Jones, A.E. Geological Sciences McGill	The metallogeny of Cu, Mo, W and Sn in Gaspé and New Brunswick 2yr - 1st Inst.	Individual	10,600	10
Willis, C.J. Chemistry Western Ontario	Complexes of transition metals with fluorinated organic ligands 3yr - 2nd Inst.	Individual	19,080	05
Willison, J.H.M. Biology Dalhousie	Electron microscopical studies of plant cells, particuarly cell walls and plasma membranes 3yr - 1st Inst.	Individual	18,020	02
Willmott, R.C. Math/Statistics Queen's	Fuzzy set theory 3yr - 1st Inst.	Individual	3,430	16
Wilson, A.E. Psychology New Brunswick	Contextual influences on judgements of extent and direction 3yr - 1st Inst.	Individual	4,240	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wilson, D.J. Mechanical Eng. Alberta	Turbulent mixing: Atmospheric pollution dispersion, air infiltration into buildings 3yr - 2nd Inst.	Individual	27.560	13
Wilson, F.R. Civil Engineering New Brunswick	Strategies for reduction in highway construction, operating, maintenance and safety costs 3yr - 1st Inst.	Individual	26.427	06
Wilson, J.D. Land Resource Sc Guelph	Flow through a shelterbelt 3yr - 1st Inst.	Univ. Research Fellow	13.250	10
Wilson, J.N. Mechanical Eng. Saskatchewan	Fluid control systems 3yr - 3rd Inst.	Individual	20.813	13
Wilson, J.R. Psychology Manitoba	Psychobiology of blood pressure and thermoregulation 3yr - 1st Inst.	Individual	6.360	12
Wilson, J.X. Physiology Saskatchewan	Physiology of adrenal and salt glands in birds 3yr - 1st Inst.	Individual	15.900	01
Wilson, K.C. Civil Engineering Queen's	Analytic modelling of solid-liquid flow and its application to pipeline transport systems 3yr - 3rd Inst.	Individual	15.916	06
Wilson, L.M. Psychology Manitoba	Suckling in genetically-obese mouse pups 3yr - 3rd Inst.	Individual	7.346	12
Wilson, M.V.H. Zoology Alberta	Late Cretaceous and early Tertiary fishes of western North America 3yr - 2nd Inst.	Individual	16.960	10
Wilson, N.W. Mechanical Eng. Windsor	Energy use in residential buildings * with W.G.Colborne, W.T.Kierkus(Windsor) 3yr - 2nd Inst.	Team	13.886	13
Wilson, T.C. Comp. & Info. Sc. Guelph	Investigating the play through ring network and its extensions	Individual	7.211	07
Wilson, W.J. Electrical Eng. Waterloo	Control design methods for the improvement of power system transient and dynamic stability 3yr - 1st Inst.	Individual	11.130	11
Wilton, J.W. Animal/Poultry Sc. Guelph	Selection programmes for ranking beef sires for total efficiency and its components 3yr - 1st Inst	Individual	30.641	01
Winnik, M.A. Chemistry Toronto	Conformation and dynamics of polymers 3yr - 2nd Inst	Individual	39.750	05
Winocur, G. Psychology Trent	The hippocampus in learning and memory 3yr - 2nd Inst.	Individual	23.002	12

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Winsberg, S. Measure/Eval. Sec. Montréal	Applications of monotone spline transformations to item response theory 3yr - 1st Inst.	Individual	4,770	12
Winslow, J. Computer Science Toronto	Numerical solution of neuron equations for analysis of visual processing in retina	Individual	7,420	21
Winston, M.L. Biolog. Sciences Simon Fraser	Demography, reproductive biology, and life history characteristics of highly social insects 3yr - 3rd Inst.	Individual	18,671	18
Winter, B.B. Mathematics Ottawa	Nonparametric estimation 3yr - 2nd Inst.	Individual	8,056	14
Winterbottom, R. Zoology Toronto	The anatomy, phylogeny and biogeography of perciform fishes 3yr - 3rd Inst.	Individual	15,916	01
Winternitz, P. Centre de rech math Montréal	Méthodes de la théorie des groupes en physique et phénomènes non-linéaires 3ans - 1er vers.	Individuelle	30,443	15
Wintle, H.J. Physics Queen's	Carrier transport effect in insulators 3yr - 1st Inst.	Individual	24,465	15
Wirasinghe, S.C. Civil Engineering Calgary	Analytical modelling and optimization of transport systems 3yr - 1st Inst.	Individual	19,080	06
Wise, R.A. Psychology Concordia	Brain dopamine and behavior 3yr - 2nd Inst.	Individual	31,800	12
Wishart, T.B. Psychology Saskatchewan	Non-cataleptogenic neuroleptics: modes of action 3yr - 2nd Inst.	Individual	11,660	12
Wisner, P.E. Civil Engineering Ottawa	Modelling of urban watersheds 3yr - 2nd Inst.	Individual	23,956	06
Withers, S.G. Chemistry British Columbia	Interactions and reactions of carbohydrates and proteins	Individual	15,900	05
Witten, I.H. Computer Science Calgary	Advanced tools for man-computer interaction 3yr - 1st Inst.	Individual	48,452	07
Wittke, P.H. Electrical Eng. Queen's	Band-efficient data transmission, radar signal processing 3yr - 1st Inst.	Individual	14,204	11
Wobeser, G.A. Veter. Pathol. Saskatchewan	Determination of the toxic effects of saline water on mallard ducks 3yr - 1st Inst.	Individual	5,300	01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wojciechowski, B.W. Chemical Eng. Queen's	Catalytic cracking 3yr - 3rd Inst.	Individual	34,770	04
Wolfe, F.H. Food Science Alberta	Physicochemical studies on food proteins and myosystems 3yr - 1st Inst.	Individual	29,680	02
Wolfe, S. Chemistry Queen's	1) Studies related to beta-lactam compounds 2) Theoretical studies of structure and reactivity 3) Oxidation by permanganate salts 3yr - 2nd Inst.	Individual	60,950	05
Wolfson, D.B. Mathematics McGill	Inference in stochastic processes 3yr - 2nd Inst.	Individual	5,247	14
Wolkowicz, H. Mathematics Alberta	Finite and infinite dimensional regularization methods in mathematical programming and numerical analysis 3yr - 2nd Inst.	Individual	6,178	16
Woloshyn, R.M. Theory Group British Columbia	Theoretical intermediate - energy physics 3yr - 2nd Inst.	Individual	20,543	15
Wong, A.K.C. Systems Design Waterloo	Pattern and image analysis system 3yr - 1st Inst.	Individual	37,100	21
Wong, C.M.S. Chemistry Manitoba	Total syntheses & structure-activity relationship studies of antitumor drugs	Individual	15,370	05
Wong, C.S. Mathematics Windsor	Optimal design of experiments 3yr - 1st Inst.	Individual	8,819	16
Wong, J.C.S. Math/Statistics Calgary	Abstract harmonic analysis on semigroups 3yr - 3rd Inst.	Individual	5,712	16
Wong, J.W.N. Computer Science Waterloo	Performance evaluation of computer networks 3yr - 3rd Inst.	Individual	22,037	07
Wong, J.Y. Mech. & Aeronaut. Carleton	Ground transport technology research 3yr - 3rd Inst.	Individual	28,159	13
Wong, K.M. Elec. & Comp. Eng. McMaster	Digital signal processing applied to communication systems 3yr - 1st Inst.	Individual	17,278	11
Wong, M.W. Mathematics York	Spectral theory of pseudo-differential operators 3yr - 1st Inst.	Individual	3,000	16
Wong, P.T.P. Psychology Trent	Coping with frustrative nonreward: Stereotype or variability 3yr - 1st Inst.	Individual	17,460	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wong, R. Psychology British Columbia	Fluid regulation in desert rodents 3yr - 3rd Inst.	Individual	11,142	12
Wong, R.S.C. Mathematics Manitoba	Asymptotic expansions of integrals 3yr - 2nd Inst.	Individual	11,295	16
Wong, S.F.H. Mathématiques Ottawa	Rates of escape and upper-lower functions for Brownian motion in Banach spaces 3ans - 1er vers.	Individuelle	3,430	16
Wong, S.K. Chemistry Western Ontario	Flash photolysis electron spin resonance and nuclear magnetic resonance spectroscopy 3yr - 3rd Inst.	Individual	9,794	05
Wong, S.S.M. Physics Toronto	* Refer to T.E.Drake(Toronto)	Project		22
Wong, S.S.M. Physics Toronto	* Refer to R.E.Azuma(Toronto)	Project		22
Wong, S.S.M. Physics Toronto	Application of the statistical spectroscopy approach to nuclear astrophysics and nuclear structure 3yr - 3rd Inst.	Individual	31,991	15
Wonham, W.M. Electrical Eng. Toronto	Mathematical foundations of control 3yr - 3rd Inst.	Individual	29,279	11
Woo, G.C.S. Optometry Waterloo	Application of contrast sensitivity function in various experiments 3yr - 3rd Inst.	Individual	8,570	21
Woo, M.K. Geography McMaster	Snow and permafrost hydrology in a High Arctic environment 3yr - 3rd Inst.	Individual	18,365	10
Woo, P.T.K. Zoology Guelph	Parasitic protozoans and the diseases they cause 3yr - 1st Inst.	Individual	30,641	01
Wood, C.M. Biology McMaster	Acid-base and ionic regulation in teleost fish and decapod crustaceans 3yr - 1st Inst.	Individual	44,520	01
Wood, D. Computer Science Waterloo	Formal languages and data structures 3yr - 3rd Inst.	Individual	34,280	07
Wood, G.W. Chemistry Windsor	Mass spectrometry: applications to organic and biochemistry 3yr - 3rd Inst.	Individual	25,088	05
Wood, J.M. Chemistry Guelph	The molecular mechanism and metabolic role of L-proline transport in Escherichia Coli K12 3yr - 3rd Inst.	Individual	25,710	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wood, P.E. Chemical Eng. McMaster	Studies in turbulent two-phase flow modeling 3yr - 1st Inst.	Individual	14,840	04
Wood, R.J. Mathematics Dalhousie	Abstract Proarrows II 3yr - 3rd Inst.	Individual	2,380	16
Wood, R.K. Chemical Eng. Alberta	Dynamics and control of process systems 3yr - 3rd Inst.	Individual	15,916	04
Wooders, M.C. Economics Toronto	The f-core of a game	Individual	3,180	16
Woodham, R.J. Computer Science British Columbia	Computer interpretation of remotely sensed data	Individual	25,883	07
Woodhams, R.T. Chemical Eng. Toronto	Plastics processing and characterization	Individual	30,316	04
Woodrow, J.E.J. Mathematical Sci. British Columbia	Time-dependent models of grain-forming model atmospheres 3yr - 2nd Inst.	Individual	7,420	17
Woodrow, R.E. Math/Statistics Calgary	Investigation of Martin's conjecture 3yr - 3rd Inst.	Individual	4,283	16
Woods, D.R. Chemical Eng. McMaster	Surface phenomena as applied to the separation of particulate systems and to polymerization reactions 3yr - 1st Inst.	Individual	21,730	04
Woods, D.V. Geological Sciences Queen's	One-dimensional geomagnetic depth sounding in North America 2yr - 2nd Inst.	Individual	14,840	10
Woods, E.J. Math/Statistics Queen's	Ergodic theory and von Neumann algebras 3yr - 1st Inst.	Individual	8,819	16
Woods, R.G. Mathematics Manitoba	1) Extension properties of topological spaces 2) Characterization of subspaces of Beta N 3yr - 3rd Inst.	Individual	11,425	16
Woods, S.B. Physics Alberta	Metals at low temperatures 3yr - 3rd Inst.	Individual	42,079	15
Woodside, B.C. Psychology Concordia	Reproductive strategies in rodents 3yr - 3rd Inst.	Individual	13,467	12
Woodside, C.M. Sys. & Comp. Eng. Carleton	Modelling and design of distributed computer systems	Individual	17,244	07

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Woodward, W.D. Nutrition Guelph	Zinc and the immune dysfunction of protein deficiency 2yr - 1st Inst.	Individual	12,720	02
Woolley, J.C. Physics Ottawa	Properties of adamantine compound and alloy semiconductors 3yr - 2nd Inst.	Individual	50,414	15
Worrall, B.M. Industrial Eng. Tech. Univ. N.S.	Design of job shop scheduling and control systems using microcomputers 3yr - 1st Inst.	Individual	9,540	20
Worsley, K.J. Mathematics McGill	Change-point problems and analysis of binary data 3yr - 1st Inst.	Individual	4,295	14
Wortman, D.B. Computer Science Toronto	Software engineering methodology research 3yr - 1st Inst.	Individual	43,892	07
Woussen, G. Sciences de la terre Québec-Chicoutimi	Etude des roches du Grenville dans le Haut-Saguenay 2ans - 2e vers.	Individuelle	10,600	10
Wright, D.J. Management Sciences Ottawa	Time series analysis and forecasting on microcomputers from regularly and irregularly spaced data 3yr - 1st Inst.	Individual	4,295	14
Wright, G.M. Zoology Toronto	The structure and function of the adenohypophysis of the lamprey 3yr - 3rd Inst.	Univ. Research Fellow	12,243	01
Wright, J.A. Earth Sciences Memorial	Geothermal and geomagnetic measurement on land and offshore in eastern Canada	Individual	21,200	10
Wright, J.A. Microbiology Manitoba	Mutants of somatic cells in culture 3yr - 3rd Inst.	Individual	34,280	02
Wright, J.D. Chemical Eng. McMaster	Applied computer process control 3yr - 3rd Inst.	Individual	21,303	04
Wright, J.S. Chemistry Carleton	Potential surfaces and reaction dynamics 3yr - 3rd Inst.	Individual	19,589	05
Wright, K.A. Zoology Toronto	Functional anatomy and nematode-host interactions 3yr - 2nd Inst.	Individual	21,520	01
Wright, P.M. Civil Engineering Toronto	Application of optimization methods to the automatic design of structures 3yr - 3rd Inst.	Individual	7,346	06
Wright, R.K. Geography McGill	Seasonal variations in moisture storage in discontinuous permafrost 2yr - 1st Inst.	Individual	6,572	10

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Wrona, F.J. Biology Calgary	Tricladida population dynamics and eco-physiology 3yr - 1st Inst.	Individual	16,960	18
Wuest, J.D. Chemistry Montréal	Promotion of hydrogen transfer	Individual	25,440	05
Wyatt, G.R. Biology Queen's	Hormonal and developmental regulation of gene expression in an insect 3yr - 2nd Inst.	Individual	54,060	02
Wyndham, R.C. Biology Toronto	Biodegradation in continuous culture and in estuarine environments: Microbial interactions 3yr - 1st Inst.	Univ. Research Fellow	14,840	02
Wynnyckyj, J.R. Chemical Eng. Waterloo	Reactions of compacted particulate solids of interest in extractive metallurgy 3yr - 3rd Inst.	Individual	16,406	04
Wyvill, B. Computer Science Calgary	Computer methods for character animation	Individual	16,841	07
Xistris, G.D. Mechanical Eng. Concordia	Reliability of mechanical systems and components through fatigue damage estimates 3yr - 2nd Inst.	Individual	16,006	13
Yaffe, L. Chemistry McGill	Radiochemical research	Individual	15,900	05
Yagar, S. Civil Engineering Waterloo	Methods for efficient use of resources in transportation and modelling transportation and traffic phenomena 3yr - 2nd Inst.	Individual	16,960	06
Yalcin, S. Civil Engineering Tech. Univ. N.S.	Behaviour of eccentrically loaded model piles in clay soils 3yr - 2nd Inst.	Individual	10,600	06
Yalcin, T. Engineering Laurentian	Flocculation characteristics of plant tailings in Ontario 3yr - 1st Inst.	Individual	9,593	04
Yalin, M.S. Civil Engineering Queen's	Sediment transport in open channels and rivers 3yr - 1st Inst.	Individual	30,740	06
Yamamoto, T. Microbiology Alberta	Analysis of microbial agents associated with diseases of animals and fishes 3yr - 3rd Inst.	Individual	15,916	02
Yamashiro, S. Biomed Sciences Guelph	* Refer to W.H.Harris(Guelph) 3yr - 1st Inst.	Team		01

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Yamauchi, H. Eng Materials Windsor	Nonequilibrium engineering materials: analysis, behaviour, characterization and design 3yr - 3rd Inst.	Individual	16,406	04
Yamazaki, H. Biology Carleton	Biotechnological utilization of Jerusalem artichoke tubers and pentoses	Individual	21,200	02
Yaphe, W. Micro/Immunology McGill	Enzymic hydrolysis and structure of agars and carrageenans 3yr - 1st Inst.	Individual	30,740	02
Yates, K. Chemistry Toronto	Studies in physical organic chemistry 3yr - 2nd Inst.	Individual	59,237	05
Yates, P. Chemistry Toronto	Structural, synthetic and mechanistic organic chemistry 3yr - 1st Inst.	Individual	61,480	05
Yau, M.K. Meteorology McGill	Studies in cumulus convection 3yr - 1st Inst.	Individual	20,140	17
Yeager, H.L. Chemistry Calgary	Thermodynamic and transport properties of ionomer polymer membranes 3yr - 1st Inst.	Individual	25,798	05
Yeats, R.B. Chemistry Bishop's	Rearrangement of octalin tosylates on alumina; synthetic approaches to maytansinoid synthons and acyl azides	Individual	15,900	05
Yeh, F.C.H. Forest Science Alberta	The genetic structure of forest trees 3yr - 2nd Inst.	Individual	15,900	03
Yelle, H. Mécanique Ecole Polytechnique	* Chercheur principal R.Gauvin(Ecole Poly.) 3ans - 2e vers.	Equipe		13
Yellowley, I. Industrial Eng. Tech. Univ. N.S.	The mechanics of cutting and tool wear 3yr - 2nd Inst.	Individual	13,038	13
Yelon, A. Génie-physique Ecole Polytechnique	Propriétés électriques de matériaux désordonnés 3ans - 2e vers.	Individuelle	45,601	15
Yemenidjian, N.B. Mining/Metallurgy Tech. Univ. N.S.	Growth of large single crystals of compound semi-conductors	Individual	8,480	04
Yen, J.L. Electrical Eng. Toronto	VLBI instrumentation and astronomy 3yr - 1st Inst.	Individual	40,280	17
Yeomans, J.S. Psychology Toronto	Neural systems underlying rewarding brain stimulation and turning 3yr - 2nd Inst.	Individual	23,320	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Yeung, E.C.T. Biology Calgary	Structural and biochemical aspects of angiosperm embryo development in vivo and in vitro 3yr - 2nd Inst.	Individual	28,620	03
Yip, G.L. Electrical Eng. McGill	Optical waveguides and optical communications	Individual	39,432	11
Yip, P.C.Y. Mathematical Sci. McMaster	Transforms & transform algorithms for digital signal processing 3yr - 1st Inst.	Individual	14,522	11
Yodzis, P.P. Zoology Guelph	Theoretical population ecology 3yr - 3rd Inst.	Individual	15,916	18
Yong, R.N. Civ Eng/App Mech McGill	Composition and control of fabric 3yr - 2nd Inst.	Individual	47,170	10
Yoo, B.Y. Biology New Brunswick	Surface proteins and glycoproteins of mammalian spermatozoa 3yr - 2nd Inst.	Individual	29,680	02
Yoon, M.G. Psychology Dalhousie	Regeneration and synaptogenesis in the visual system	Individual	37,560	01
Yoon, T.S. Physics Toronto	* Refer to N.Isgur(Toronto)	Project		23
Yoon, T.S. Physics Toronto	Project 77.02 Measurement of neutrino production and weak-decay lifetimes of charmed hadrons in a hybrid emulsion spectrometer * with J.Hébert(Ottawa), J.M.Trischuk(McGill), J.D.Prentice(Toronto)	Project	105,000	23
Yoon, T.S. Physics Toronto	Project 82.02 The ARGUS experiment - beauty at DESY * with W.R.Frisken(York), P.M.Patel(McGill), K.W.Edwards(Carleton), J.D.Prentice(Toronto)	Project	210,000	23
York, D. Physics Toronto	Geochronology and isotope studies 3yr - 2nd Inst.	Individual	60,865	10
Youdelis, W.V. Eng Materials Windsor	Solidification: nucleation, grain growth and segregation mechanisms 3yr - 1st Inst.	Individual	24,804	04
Young, C. Physics New Brunswick	Determination of molecular parameters required for the remote measurement of some atmospheric molecules 3yr - 3rd Inst.	Individual	12,243	17

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Young, G. Psychology York	Manual specialization in infancy: Links with hemispheric specialization 3yr - 3rd Inst.	Individual	9,794	12
Young, G.M. Geology Western Ontario	Study of some Proterozoic formations of the Great Lakes region 3yr - 2nd Inst.	Individual	19,080	10
Young, J.C. Statistics Waterloo	Design and analysis of experiments related to smoking and health 3yr - 2nd Inst.	Individual	1,749	14
Young, L. Electrical Eng. British Columbia	Electrical engineering materials and device research 3yr - 1st Inst.	Individual	40,040	11
Young, P.G. Biology Queen's	Biogenesis of mitochondria and the control of cell division 3yr - 1st Inst.	Individual	23,320	02
Young, W.S.V. Mathematics Alberta	Weighted norm inequalities for classical operators 3yr - 3rd Inst.	Individual	3,333	16
Younger, D.H. Combin./Optimiz. Waterloo	Graph theory and optimization 3yr - 1st Inst.	Individual	5,880	16
Yousaf, M. Mathematics Laurentian	Shock wave dynamics 3yr - 1st Inst.	Individual	2,450	16
Youson, J.H. Zoology Toronto	Metamorphosis and its consequences in lampreys and endocrine tissue of lower vertebrates 3yr - 2nd Inst.	Individual	31,800	01
Yovanovich, M.M. Mechanical Eng. Waterloo	1) Thermal contact resistance (theory and application of elastoconstriction resistance) 2) Effective transport properties of heterogeneous substances; and 3) Surface element methods applied to conduction problems 3yr - 1st Inst.	Individual	40,810	13
Yu, Y.N. Electrical Eng. British Columbia	Optimal stabilization of large electric power systems 3yr - 3rd Inst.	Individual	12,243	11
Yui, N. Mathematics Toronto	Arithmetical properties of algebraic varieties in low dimensions 3yr - 1st Inst.	Individual	4,410	16
Yuille, J.C. Psychology British Columbia	Imagery, attention, and memory 3yr - 3rd Inst.	Individual	17,140	12

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Yule, W.N. Entomology Macdonald Coll.	Ecotoxicity of soil pest control agents	Individual	6,360	01
Yunik, M. Electrical Eng. Manitoba	Digital instrumentation	Individual	8,480	11
Zachariah, K. Biology Waterloo	Physiology of nematode - destroying fungi 3yr - 1st Inst.	Individual	14,033	03
Zacharko, R.M. Psychology Carleton	Behavioral disturbance induced by uncontrollable stress 2yr - 1st Inst.	Univ. Research Fellow	20,140	12
Zacharuk, R.Y. Biology Regina	1) Functional ultrastructure of insect sense organs and their transduction mechanisms. 2) Ultrastructural pathology of insects with a bacterial infection	Individual	15,900	02
Zahar, R.V. Infor. & rech opér. Montréal	Stable algorithms for difference systems	Individuelle	12,951	07
Zaidi, H.R. Physics New Brunswick	Theory of spectral line shapes and application to modern optics 3yr - 2nd Inst.	Individual	9,148	15
Zaidman, S. Math/statistiques Montréal	Equations différentielles abstraites et opérateurs pseudo-différentiels 3ans - 3e vers.	Individuelle	5,712	16
Zaky, S.G. Electrical Eng. Toronto	Small computer architecture and applications	Individual	11,766	11
Zalik, S. Plant Science Alberta	Studies on the development of chloroplast function 3yr - 2nd Inst.	Individual	46,640	02
Zalik, S.E. Zoology Alberta	Studies on the cell surface during differentiation, dedifferentiation and development 3yr - 1st Inst.	Individual	47,700	02
Zamble, E. Psychology Queen's	Pavlovian conditioning of sexual arousal 3yr - 3rd Inst.	Individual	11,142	12
Zames, G. Electrical Eng. McGill	Large nonlinear control systems and feedback design 3yr - 2nd Inst.	Individual	28,408	11
Zamir, L.O. Bacteriology Québec - IAF	The novel metabolites: Arogenate and Spiro-Arogenate 3yr - 1st Inst.	Individual	38,160	02
Zamir, M. Applied Math. Western Ontario	1) Fluid dynamic aspects of the cardiovascular system 2) Boundary layer flow in corners and wing-body junctions 3yr - 2nd Inst.	Individual	22,260	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Zaremba, E. Physics Queen's	Electronic structure; positrons and muons in condensed matter 3yr - 2nd Inst.	Individual	17,246	15
Zarnke, C.R. Computer Science Manitoba	Design and implementation of a consistency-checked operating system	Individual	2,092	07
Zassenhaus, H.J. Mathematics Montréal	Algebra, number theory and geometry of numbers	Individual	15,000	16
Zawadzki, I.I. Physique Québec-Montréal	Convection et précipitation 3ans - 1er vers.	Individuelle	13,250	17
Zeidan, V. Mathematics Alberta	Sufficient conditions for optimization and control problems when the Hamiltonian is not differentiable and not concave-convex 3yr - 1st Inst.	Individual	5,550	16
Zentilli, M. Geology Dalhousie	Metallogenic studies in Nova Scotia, the Andes and Iceland 3yr - 3rd Inst.	Individual	16,529	10
Zerner, M.C. Chemistry Guelph	Approximate electronic structure theories and applications to large molecular systems	Individual	9,700	05
Ziarko, W.P. Computer Science Regina	Design and analysis of memory optimization techniques for databases	Individual	9,540	07
Zidek, J.V. Mathematics British Columbia	Multi-Bayesian decision and multivariate statistical theory 3yr - 2nd Inst.	Individual	26,246	14
Ziegler, T. Chemistry Calgary	Quantum mechanical calculations on transition metal systems of importance for catalysis, by the Hartree-Fock-Slater method 3yr - 3rd Inst.	Univ. Research Fellow	12,243	05
Zielinski, Z.A. Civil Engineering Concordia	Panel and module structures - strength and connections 3yr - 2nd Inst.	Individual	12,720	06
Ziemba, W.T. Comm./Bus. Admin. British Columbia	Studies in stochastic programming 3yr - 1st Inst.	Individual	27,432	07
Zienius, R.H. Chemistry Concordia	Sorption/Desorption of pesticides by GC columns and organic components of soils	Individual	15,900	05
Zikovsky, L. Inst de génie nucl. Ecole Polytechnique	Incorporation de zirconium dans les verres radioactifs 3ans - 2e vers.	Individuelle	15,052	04
Zimmerman, A.M. Zoology Toronto	Cell cycle studies 3yr - 1st Inst.	Individual	46,640	02

1.1 Operating Grants (continued)/Subventions pour dépenses courantes (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Committee Comité
Zimmerman, A.P. Zoology Toronto	Biogeochemistry of refractory organic compounds	Individual	7,420	18
Zink, M.B. Biology Saskatchewan	Regulation of NH3 assimilatory enzymes 3yr - 2nd Inst.	Individual	16,960	02
Ziogas, P.D. Electrical Eng. Concordia	Development of a DC-AC power conversion system with a twin resonant high frequency link 3yr - 1st Inst.	Individual	20,246	11
Zlobec, S. Mathematics McGill	Mathematical programming: theory and applications 3yr - 2nd Inst.	Individual	11,122	16
Zodrow, E.L. Geology Cape Breton	Metal concentrations in coals of Sydney coalfield 2yr - 2nd Inst.	Individual	7,420	10
Zorzitto, F.A. Pure Mathematics Waterloo	Problems in representation theory 3yr - 1st Inst.	Individual	5,880	16
Zouros, E. Biology Dalhousie	1) Evolutionary genetics of Drosophila 2) Population genetics of marine molluscs 3yr - 3rd Inst.	Individual	31,832	18
Zsombor-Murray, P.J.A. Mechanical Eng. McGill	Application of programmable automata to the control of dynamic systems * with L.J.Vroomen(McGill) 3yr - 1st Inst.	Team	24,528	13
Zucker, S.W. Electrical Eng. McGill	Studies in computer vision 3yr - 3rd Inst.	Individual	24,854	11
Zuckermann, M.J. Physics McGill	Theoretical studies of (a) Lipid bilayers and monolayers (b) Amorphous metals 3yr - 1st Inst.	Individual	41,340	15
Zukotynski, S. Electrical Eng. Toronto	Preparation and characterization of amorphous silicon 3yr - 3rd Inst.	Individual	16,773	11
Zvengrowski, P. Math/Statistics Calgary	Homotopy theory and stiefel manifolds 3yr - 3rd Inst.	Individual	2,449	16
Zwickel, F.C. Zoology Alberta	Population ecology of vertebrates 3yr - 3rd Inst.	Individual	36,729	18
Zwiers, F.W. Mathematics Saskatchewan	Evaluating climate change experiments 3yr - 1st Inst.	Individual	4,346	17

1.2 New Research Idea Grants/Subventions pour de nouvelles idées en recherche

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Morisset, J.A. Biologie Sherbrooke	Effets de la somatocrinine (GRF) sur le développement du rat et de son système digestif 2ans - 1er vers.	33,700	01

1.3 Collaborative Special Project Grants/ Subventions pour projets collectifs spéciaux

Name/Nom Department/Département University/Université	Title/Titre	$
Anger, C.D. Physics Calgary	Science team activities in support of a UV imager experiment for the Viking Satellite * with L.L.Cogger,D.Venkatesan, J.W.Haslett(Calgary),J.C.McConnell, G.G.Shepherd(York),E.J.Llewellyn, D.J.McEwen(Sask.),G.Rostoker(Alberta) 2yr - 1st Inst.	117.000
Balmain, K.G. Electrical Eng. Toronto	WISP/HF antenna and propagation studies * with R.R.J.Gagné(Laval),M.Nachman(Polytechnique), G.J.Sofko(Saskatchewan),R.E.Horita(Victoria), D.R.Moorcroft(Western Ontario), J.G.Laframboise(York) 3yr - 2nd Inst.	95.400
Carnegie, R.K. Physics Carleton	OPAL at LEP * with J.C.Armitage,P.Estabrooks, C.K.Hargrove,R.J.Hemingway(Carleton)	400.000
Clowes, R.M. Geophys./Astron. British Columbia	Phase 1 Lithoprobe - A coordinated national geoscience project * with W.S.Fyfe(UWO), E.R.Kanasewich(Alberta),G.F.West(Toronto), R.D.Hyndman,C.J.Yorath,J.C.McGlynn, M.J.Berry(E.M.R.)	650.000
Costerton, J.W. Biology Calgary	The pathogenic and therapeutic consequences of bacterial biofilm development on medical prostheses * with T.J.Marrie(Dalhousie) (Joint funding with MRC) 3yr - 2nd Inst.	24.009
Forsyth, P.A. Physics Western Ontario	Canadian participation in HILAT Satellite Program * with D.J.McEwen,J.A.R.Koehler, G.Sofko(Sask.),R.A.Koehler(York),J.A.Fulford, G.F.Lyon,J.W.MacDougall(UWO) 3yr - 1st Inst.	76.200
Kershaw, K.A. Biology McMaster	The potential impacts of hydroelectric development on the hydroclimate and coastal ecology of James Bay * with W.R.Rouse,M-K.Woo(McMaster) 2yr - 1st Inst.	139.000
Koehler, J.A.R. Physics Saskatchewan	Canadian Auroral Network for the OPEN Program (CANOPUS) * with T.Watanabe(UBC), L.L.Cogger(Calgary),D.J.McEwen, G.J.Sofko(Saskatchewan),P.A.Forsyth, J.MacDougall,D.R.Moorcroft(Western Ontario), R.A.Koehler,G.G.Shepherd(York) 3yr - 2nd Inst.	53.476
McEwen, D.J. Physics Saskatchewan	Auroral modelling campaign (ARIES) * with L.L.Cogger(Calgary),J.W.MacDougall(UWO), J.A.R.Koehler,E.J.Llewellyn(Sask.), J.H.deLeeuw(IAS),G.G.Shepherd(York)	49.640
Moody, R.V. Mathematics Saskatchewan	Discrete methods for computing with simple lie groups * with R.Sharp(McGill), J.Patera(Montreal),F.Lemire(Windsor) 3yr - 1st Inst.	39.000

1.3 Collaborative Special Project Grants (continued)/ Subventions pour projets collectifs spéciaux (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Robinson, P.T. Geology Dalhousie	Continuing Canadian participation in the Cyprus Crustal Study Project: A collaborative investigation of the sheeted intrusive complex and plutonic complex of the Troodos Massif by field mapping and research drilling * with K.Muehlenbachs(Alberta),J.Hall(Dalhousie), R.Laurent(Laval),J.Malpas(Memorial),C.Brooks, J.Ludden(Montreal),I.L.Gibson(Waterloo) 2yr - 2nd Inst.	202,460
Rose, M.R. Biology Dalhousie	Mathematical models of genome evolution * with W.F.Doolittle,M.A.H.Dempster(Dalhousie), M.Moody(Washington),T.B.L.Kirkwood(MRC-UK) 2yr - 2nd Inst.	37,100
Schwerdtner, W.M. Geology Toronto	Mechanical role of evaporites in the natural deformation of sedimentary piles * with A.Embury(EMR)	40,000
Scott, S.D. Geology Toronto	Hydrothermal vents on the sea floor, Guaymas Basin, Gulf of California * with P.Lonsdale(Scripps) 2yr - 2nd Inst.	14,840
Seaquist, E.R. Astronomy Toronto	Further design study of the Canadian Long Baseline Array by the CLBA Planning Committee of the Canadian Astronomical Society * with W.H.Cannon(York),S.Demers(Montréal), P.C.Gregory(UBC),R.B.Langley(UNB), D.Routledge(Alberta),J.L.Yen(Toronto)	53,600
Shepherd, G.G. Physics York	Science support for Spacelab WAMDII Project * with C.D.Anger,L.L.Cogger,J.Haslett(Calgary), E.J.Llewellyn,K.V.Paulson(Saskatchewan), D.R.Moorcroft(Western Ontario),R.A.Koehler, J.C.McConnell(York),R.L.Gattinger(HIA-NRC) 3yr - 2nd Inst.	106,000
Towers, G.H.N. Botany British Columbia	Photosensitizers from plants: Their photochemistry, photobiology and applications in medicine * with R.E.W.Hancock,J.B.Hudson, R.A.J.Warren(UBC) 2yr - 2nd Inst.	106,265
Westgate, J.A. Geology Toronto	Late Cenozoic tephrochronology of hominid-bearing sediments in the Middle Awash and Hadar regions of Ethiopia * with J.D.Clark, D.Johanson(Berkeley),J.Aronson(Case Western) 3yr - 2nd Inst.	50,615
Yen, J.L. Electrical Eng. Toronto	Technical developments for the Canadian Long Baseline Array * with C.G.Englefield, D.Routledge,W.R.Tinga,J.F.Vaneldik(Alberta) 2yr - 2nd Inst.	36,570

1.4 Strategic Grants/Subventions thématiques

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Ahlborn, B. Physics British Columbia	Rotary engine developments 3yr - 3rd Inst.	Individual	41,589	35
Alper, H. Chemistry Ottawa	Gas Chromatograph	Equipment	23,226	35
Alper, H. Chemistry Ottawa	Novel catalytic processes for synthetic fuels and chemicals * with B.A.Morrow, J.A.Roustan(Ottawa) 3yr - 1st Inst.	Group	43,000	35
Amiot, J. Sc. nutr./aliment. Laval	Aliments protéiques végétaux fermentés de haute valeur nutritive * avec G.J.Brisson(Laval), S.Gauthier(Agriculture Canada) 3ans - 1er vers.	Groupe	77,560	39
Andersen, R.J. Oceanography British Columbia	Chemical and physiological studies of toxin and siderophore production by marine phytoplankton * with P.J.Harrison,F.J.R.Taylor(B.C.) 3yr - 3rd Inst.	Group	83,297	37
Anderson, J.B. Botany Toronto	Strain improvement and control of mycovirus in the cultivated mushroom * with P.A.Horgen(Toronto) 3yr - 3rd Inst.	Group	49,907	39
ApSimon, J.W. Chemistry Carleton	Synthesis of polychlorodibenzo-p-dioxins and related species. National bank of standards of hazardous chemicals 3yr - 1st Inst.	Individual	55,000	36
Arnason, J.T. Biology Ottawa	Endogenous and exogenous antifeedants for pest control in corn * with C.E.Morris, B.J.R.Philogène,C.Nozzolillo, P.Morand(Ottawa),D.R.Gardner, J.D.H.Lambert(Carleton) 3yr - 1st Inst.	Group	80,000	39
Arsenault, H.H. Physique Laval	Optical and digital signal processing 3ans - 1er vers.	Individuelle	52,800	40
Atherton, D.L. Physics Queen's	Magnetic inspection techniques for pipelines 3yr - 2nd Inst.	Individual	74,147	35
Austin, G.L. Physics McGill	Design, development and test of an improved ice surveillance radar system for marine use 3yr - 3rd Inst.	Individual	50,263	37
Avedesian, M.M. Chemical Eng. McGill	Fluidized bed recovery of Kraft black liquor * with A.S.Mujumdar(McGill) 3yr - 1st Inst.	Group	31,000	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Ayer, W.A. Chemistry Alberta	Phytochemical investigation of important forest diseases. Blue stain fungi associated with the Mountain Pine Beetle * with Y.Hiratsuka(Alberta) 3yr - 2nd Inst.	Group	53,000	40
Baldur, R. Génie mécanique Ecole Polytechnique	Compressed air transducers and actuators for robotics * avec A.Bazergui(Ecole Polytechnique) 3ans - 1er vers.	Groupe	50,000	40
Bandler, J.W. Elec. & Comp. Eng. McMaster	Optimal tuning of microwave filters and multiplexing networks 3yr - 1st Inst.	Individual	55,950	38
Banister, E.W. Kinesiology Simon Fraser	Sensitivity of tests for acute and chronic exposure to organophosphate insecticides: cholinergic versus adrenergic effects * with P.Oloffs(Simon Fraser) 3yr - 2nd Inst.	Group	38,626	36
Barbery, G.A. Mines & métallurgie Laval	Flocculation sélective des fines de charbon 3ans - 1er vers.	Individuelle	31,480	35
Barbery, G.A. Mines & métallurgie Laval	Granulomètre automatique à sédimentation	Appareillage	35,180	35
Barradas, R.G. Chemistry Carleton	Low temperature investigations of electrode processes in the lead acid battery system 3yr - 2nd Inst.	Individual	42,856	35
Bayley, H.S. Nutrition Guelph	Measurement of tryptophan requirements for growing finishing pigs * with T.K.Smith(Guelph) 3yr - 2nd Inst.	Group	47,700	39
Beaumont, C. Oceanography Dalhousie	The development and thermal histories of continental margin sedimentary basins * with C.Keen(Atlantic Geoscience Centre) 3yr - 1st Inst.	Group	71,580	37
Becker, H.A. Chemical Eng. Queen's	Fundamental studies and system development for combustion of solid and gaseous fuels 3yr - 3rd Inst.	Individual	59,223	35
Becker, H.A. Chemical Eng. Queen's	Elemental (C,H,N,S,O) analyzer and microbalance	Equipment	63,652	35
Beeckmans, J.M. Chem./Biochem. Eng Western Ontario	Development of a simple dual-bed fluidized gasifier for biomass and other pyrolyzable wastes 3yr - 2nd Inst.	Individual	24,274	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Benn, M.H. Chemistry Calgary	Ovipositional semiochemicals in the management of insect pests 2yr - 2nd Inst.	Individual	23,320	39
Berczi, I. Immunology Manitoba	Production of human antibodies to lipid A * with G.J.T.Delespesse, A.Sehon(Manitoba) 3yr - 1st Inst.	Group	38,259	41
Bergougnou, M.A. Chemical Eng. Western Ontario	Ultrafast pyrolysis (ultrapyrolysis) of heavy oils and solid fuels 3yr - 2nd Inst.	Individual	52,343	35
Berthiaume, L. Ctre. Rech.-Virol. Québec - IAF	Influence des conditions physiologiques et environnementales sur la mortalité causée par le virus IPN chez la truite mouchetée en pisciculture * avec D.Larrivée(Qué.-Chicoutimi), G.Marsolais(Inst. Armand-Frappier),J.Robin(Sherbrooke) 3ans - 2e vers.	Groupe	38,160	39
Besant, R.W. Mechanical Eng. Saskatchewan	Low energy building monitoring, analysis and simulation * with G.J.Schoenau,G.H.Green(Sask.) 3yr - 2nd Inst.	Group	80,560	35
Betteridge, K.J. Médecine vét. Montréal	Etude de l'établissement de la gestation et des facteurs conduisant à la mortalité embryonnaire chez les bovins * avec P.Guay,A.V.Tremblay, A.K.Goff,N.Larivière(Montréal) 3ans - 3e vers.	Groupe	118,826	39
Bewley, J.D. Biology Calgary	Predicting drought-stress tolerance 3yr - 3rd Inst.	Individual	52,283	39
Bhargava, V.K. Electrical Eng. Concordia	Adaptive forward error correction techniques for digital communications by satellite * with J.Conan(Ecole Polytechnique),G.E.Seguin(Royal Military College) 3yr - 2nd Inst.	Group	51,940	38
Bird, D.M. Ren. Resources McGill	Influence of PCB's and Mirex on male reproductive function in captive falcons 2yr - 2nd Inst.	Individual	14,310	36
Bochmann, G.V. Infor. & rech opér. Montréal	Banques de données vidéotex: Coopérations et applications bureautiques * avec J.Gecsei, F.Lustman(Montréal) 3ans - 2e vers.	Groupe	102,357	38
Bolker, H.I. Chemistry McGill	By-products from sulphite pulping * with N.G.Lewis(Chemistry-Paprican), G.Just(McGill) 3yr - 1st Inst.	Group	40,000	40

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Bolton, J.R. Chemistry Western Ontario	Nitrogen laser with dye laser accessory	Equipment	20,660	35
Bolton, J.R. Chemistry Western Ontario	Photochemical solar energy conversion in linked donor-acceptor molecules * with A.C.Weedon,M.J.Stillman(Western Ontario) 3yr - 1st Inst.	Group	112,000	35
Bone, D.H. Chemical Eng. Queen's	Microbial fractionation of native biomass to lignin, cellulose and hemicellulose * with A.J.Daugulis(Queen's) 3yr - 3rd Inst.	Group	29,707	41
Boorman, P.M. Chemistry Calgary	Studies of hydrotreating catalysts * with R.A.Kydd(Calgary) 3yr - 2nd Inst.	Group	34,980	35
Booth, K.S. Computer Science Waterloo	2-D and 3-D interactive computer graphics modeling systems * with J.C.Beatty,R.H.Bartels(Waterloo) 3yr - 3rd Inst.	Group	73,406	38
Borden, J.H. Biolog. Sciences Simon Fraser	Semiochemicals for agricultural insect pests * with A.C.Oehlschlager, K.N.Slessor(Simon Fraser) 3yr - 2nd Inst.	Group	115,540	39
Borden, J.H. Biolog. Sciences Simon Fraser	Semiochemicals for forest insect pests * with A.C.Oehlschlager, K.N.Slessor(Simon Fraser) 3yr - 2nd Inst.	Group	139,384	40
Bosisio, R.G. Génie électrique Ecole Polytechnique	Caractérisation et chauffage des mélanges par l'énergie hyperfréquence * avec C.Akyel(Ecole Polytech), T.K.Bose(Qué.-Trois Rivières) 3ans - 3e vers.	Groupe	53,472	35
Bouchard, C. Sci l'activité phys Laval	Les causes des variations dans l'adaptabilité des propriétés de la machine humaine sous l'influence de l'entraînement physique * avec F.Landry, P.P.Lagassé,M.R.Boulay, A.Tremblay,G.Thériault(Laval) 3ans - 3e vers.	Groupe	129,193	40
Boulet, M. Ctre rech. nutrition Laval	Heat stability of evaporated milk 3ans - 2e vers.	Individuelle	47,700	39
Boulos, M.I. Génie chimique Sherbrooke	Production du silicium de haute pureté pour les pi[illegible] photovoltaïques 3ans - 3e vers.	Individuelle	55,255	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Boutin, N. Génie électrique Sherbrooke	Nouvelle technique de modulation numérique pour la radio-mobile retransmise par satellite * avec S.Morissette(Sherbrooke) 3ans - 2e vers.	Groupe	25,720	38
Boyd, R. Geology Dalhousie	Models for coastal and continental shelf sedimentation from Sable Island Bank * with C.L.Amos(Atlantic Geoscience Centre),A.Ruffman(Geomarine Associates Ltd.) 2yr - 1st Inst.	Group	48,700	37
Brisson, G.J. Zootechnie Laval	Importance de l'acide folique chez la truie gestante * avec F.Minvielle(Laval),J.DuFour, J.J.Matte(Station de Recherches Lennoxville), G.A.Arsenault(Service Vétérinaires Québec) 3ans - 1er vers.	Groupe	108,000	39
Brodie, D.E. Physics Waterloo	Preparation, structure and electronic properties of semiconducting films for photovoltaic applications * with A.E.Dixon,J.D.Leslie(Waterloo) 3yr - 3rd Inst.	Group	40,163	35
Brooker, M.H. Chemistry Memorial	Spectroscopic studies battery electrodes and electrolytes 3yr - 3rd Inst.	Individual	25,595	35
Brown, D.L. Biology Ottawa	Effects of methyl mercury on the cytoskeleton in cultured neuronal cells * with K.R.Reuhl(N.R.C. Ottawa) 3yr - 1st Inst.	Group	60,000	36
Brown, L.M. Plant Science Western Ontario	The role of the greenish-gold algal flagellate Chrysochromulina breviturrita in odour production in acidic Canadian lakes * with K.H.Nicholls(Ontario Ministry of the Environment) 3yr - 1st Inst.	Group	30,000	36
Brussell, E.M. Psychology Concordia	Computer graphics systems for research concerning the perceptual fidelity of aircraft simulators	Equipment	94,700	40
Brussell, E.M. Psychology Concordia	The influence of perceptual cue interactions on the fidelity of aircraft simulators * with M.K.Komoda(Concordia), L.D.Reid(Toronto),A.Delorme, J.Frigon(Montréal),G.M.McKinnon, S.R.Stober,B.Welch(CAE Electronics Ltd. Montréal) 3yr - 1st Inst.	Group	113,500	40

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Buckland, R.B. Animal Science Macdonald Coll.	Seminal plasma proteins and fertility of frozen semen * with C.G.Zarkadas(Macdonald) 3yr - 1st Inst.	Group	30,000	39
Buckmaster, H.A. Physics Calgary	Clay treatment and stabilization studies for enhanced oil recovery 3yr - 1st Inst.	Individual	46,000	35
Buhr, R.J.A. Sys Eng/Comp Sci. Carleton	Computer-aided design of computer systems to implement communications protocols * with C.M.Woodside(Carleton) 3yr - 1st Inst.	Group	64,850	38
Bures, J. Génie-physique Ecole Polytechnique	Coupleurs variables à fibres optiques monomodes fusionnées * avec J.Lapierre(Ecole Polytechnique) 3ans - 1er vers.	Groupe	65,000	38
Bushuk, W. Plant Science Manitoba	Computer assisted wheat grading * with E.Shwedyk, R.M.Rangayyan(Manitoba) 3yr - 2nd Inst.	Group	53,000	39
Calvert, S.E. Oceanography British Columbia	Geochemistry of oceanic ferromanganese nodules * with D.J.Huntley(Simon Fraser) 3yr - 3rd Inst.	Group	43,338	37
Cameron, R.G. Pathology Toronto	Tissue culture facility for study of environmental toxicants: request for supplement	Equipment	20,000	36
Cameron, R.G. Pathology Toronto	Modulation by specific PCBs of hepatotoxic and carcinogenic responses * with S.H.Safe(Guelph), E.Farber(Toronto) 3yr - 2nd Inst.	Group	68,124	36
Cantwell, F.F. Chemistry Alberta	Free heavy metal ion speciation and complexing capacity in natural waters by ion exchange * with B.G.Kratochvil(Alberta) 3yr - 2nd Inst.	Group	19,610	36
Capjack, C.E. Electrical Eng. Alberta	Computer simulation codes for laser inertial confinement fusion experiments 3yr - 3rd Inst.	Individual	38,262	35
Cardinal, A. Biologie Laval	Taxonomie et écophysiologie des diatomées marines benthiques de substrat dur 3ans - 2e vers.	Individuelle	31,164	37
Carruthers, T.D. Vet. Phys. Sci. Saskatchewan	Antral follicles and variability of superovulatory response to follicle stimulating hormone in cattle 3yr - 2nd Inst.	Individual	32,860	39

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Carter, C.R. Elec. & Comp. Eng. McMaster	Signal processing of real SARSAT signals 3yr - 1st Inst.	Individual	43,000	38
Carty, A.J. Chemistry Waterloo	Laser system and mass spectrometer for laser isotope separation of Zr-90 for use in Candu reactors	Equipment	46,950	35
Carty, A.J. Chemistry Waterloo	Laser isotope separation of zirconium-90 for use in fuel and pressure tubes of Candu reactors * with G.Scoles,T.E.Gough, N.R.Isenor(Waterloo) 3yr - 2nd Inst.	Group	87,641	35
Carty, A.J. Chemistry Waterloo	Methylation of lead and tin in the environment: Conversion of "Inorganic" lead (II) and tin salts to alkyllead (IV) and tin (IV) by microorganisms and active sediments * with Y.K.Chau, P.T.S.Wong(Canada Centre for Inland Waters) 3yr - 3rd Inst.	Group	29,647	36
Chakrabarti, C.L. Chemistry Carleton	A new analytical technique for trace-element pollutants in Canadian fossil fuels 3yr - 1st Inst.	Individual	40,000	40
Chartrand, P. Microbiologie Sherbrooke	Valorisation de la lignine à l'aide de catalyseurs biologiques * avec C.Roy(Sherbrooke) 3ans - 1er vers.	Groupe	53,414	41
Chatt, A. Chemistry Dalhousie	Studies on physico-chemical forms of neptunium in groundwater 3yr - 1st Inst.	Individual	50,980	35
Chatt, A. Chemistry Dalhousie	Anoxic and radioactive glove box system	Equipment	37,972	35
Cheeke, J.D.N. Physique Sherbrooke	Microscopie acoustique à basse température 3ans - 2e vers.	Individuelle	56,180	40
Cheng, K.C. Mechanical Eng. Alberta	Refrigerant charged phase change systems for low grade waste heat recovery in cold region 3yr - 3rd Inst.	Individual	35,648	35
Cherry, J.A. Earth Sciences Waterloo	Modeling of subsurface migration of leachate from uranium mill tailings * with R.W.Gillham(Waterloo) 3yr - 3rd Inst.	Group	30,241	35
Chiba, M. Chemistry Brock	Factors affecting benomyl degradation 3yr - 3rd Inst.	Individual	20,200	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Childs, R.F. Chemistry McMaster	Solar energy storage by a photochemical latent heat approach 3yr - 3rd Inst.	Individual	43,966	35
Childs, R.F. Chemistry McMaster	Piezodialysis radial flow cell system	Equipment	12,000	40
Childs, R.F. Chemistry McMaster	Charge mosaic piezodialysis membranes * with J.M.Dickson, B.E.McCarry(McMaster) 3yr - 1st Inst.	Group	57,500	40
Chin, S.L. Physique Laval	Study of some optical problems in the separation of deuterium from CF3 H/CF3 D using a TEA-CO2 laser 3ans - 2e vers.	Individuelle	39,750	35
Chornet, E. Génie chimique Sherbrooke	Hydroraffinage catalytique des fractions issues de la liquéfaction de la biomasse et de la tourbe: Nouvelles approches basées sur des réacteurs à jet et catalyseurs homogènes et en suspension colloidale 3ans - 1er vers.	Individuelle	56,800	35
Chornet, E. Génie chimique Sherbrooke	Dépolymérisation séquentielle des matières lignocellulosiques: mise au point d'une technologie de prétraitement axée sur la dégradation polymérique sous cizaillement 3ans - 1er vers.	Individuelle	68,400	41
Chornet, E. Génie chimique Sherbrooke	Compresseur d'hydrogène et automatisation du système chromatographique existant	Appareillage	21,261	35
Christensen, D.A. Animal/Poultry Sc. Saskatchewan	Atomic absorption spectrophotometer	Equipment	34,282	39
Christensen, D.A. Animal/Poultry Sc. Saskatchewan	Copper and selenium metabolism in cattle * with M.E.Smart, B.Laarveld(Saskatchewan) 3yr - 1st Inst.	Group	68,000	39
Church, R.B. Medical Biochem. Calgary	Animal gene transfer * with G.A.Schultz(Calgary) 3yr - 1st Inst.	Group	53,000	41
Clowes, R.M. Geophys./Astron. British Columbia	Studies of oceanic sediments and upper crust using telemetered sonobuoys and ocean bottom seismometers 3yr - 3rd Inst.	Individual	28,162	37
Colborne, W.G. Mechanical Eng. Windsor	Computer simulation and retrofit strategy for existing houses * with N.W.Wilson,T.W.McDonald, W.T.Kierkus(Windsor) 3yr - 1st Inst.	Group	47,620	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Cole, D.E.C. Paediatrics Dalhousie	Effects of environmental sulfate on sulfate metabolism and calcium homeostasis 2yr - 2nd Inst.	Individual	17,806	36
Conway, B.E. Chemistry Ottawa	Evaluation of electrocatalysts for water electrolysis and H2/O2 fuel cells 3yr - 1st Inst.	Individual	71,000	35
Conway, B.E. Chemistry Ottawa	High power potentiostat	Equipment	6,095	35
Cormack, D.E. Chemical Eng. Toronto	Numerical simulation of hydraulic fractures for hydrocarbon recovery 3yr - 1st Inst.	Individual	50,460	35
Costerton, J.W. Biology Calgary	Strategy to control microbial problems in water flood oil recovery operations * with N.C.Wardlaw(Calgary) 3yr - 3rd Inst.	Group	84,366	35
Crocker, J.F.S. Paediatrics Dalhousie	The potentiation of viral pathogenicity by environmental surfactants * with S.H.Safe(Guelph),S.H.S.Lee, K.R.Rozee(Dalhousie) 2yr - 2nd Inst.	Group	8,114	36
Cullen, W.R. Chemistry British Columbia	Synthesis of commercially important and highly active insect growth regulators, insecticides, and herbicides * with M.D.Fryzuk,B.R.James, J.P.Kutney(U.B.C.) 3yr - 1st Inst.	Group	80,000	39
Daborn, G.R. Biology Acadia	Productivity of the pelagic zone of the southern bight of Minas Basin 2yr - 1st Inst.	Individual	43,200	37
Dale, J.D. Mechanical Eng. Alberta	The Alberta home heating research facility * with T.W.Forest,G.W.Sadler, D.J.Wilson(Alberta) 3yr - 2nd Inst.	Group	54,092	35
Daugulis, A.J. Chemical Eng. Queen's	Process engineering of solvent extraction coupled fermentations for product recovery * with R.H.Clark,D.H.Bone(Queen's) 3yr - 2nd Inst.	Group	37,100	41
Dawson, G.E. Electrical Eng. Queen's	Energy efficient drives for transit systems * with A.R.Eastham,V.I.John, P.C.Sen(Queen's) 3yr - 3rd Inst.	Group	39,926	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
De Bold, A.J. Pathology Queen's	The application of biotechnology to the commercialization of cardionatrin I * with T.G.Flynn, P.L.Davies,J.Roder(Queen's) 2yr - 1st Inst.	Group	157,600	41
De la Noue, J. Ctre rech. nutrition Laval	Traitement biotechnologique tertiaire des eaux usées et production de protéines d'unicellulaires * avec G.Picard, R.Guay,J.Turcotte(Laval) 3ans - 2e vers.	Groupe	32,860	41
De Lasa, H.I. Chemical Eng. Western Ontario	Advanced fluidized bed catalytic cracking technology 3yr - 3rd Inst.	Individual	49,777	35
De Lasa, H.I. Chemical Eng. Western Ontario	Pseudoadiabatic reactor configuration for methanol conversion 3yr - 1st Inst.	Individual	51,963	35
Delfour, M.C. Mathématiques appl. Montréal	Diffuseurs thermiques de poids minimum pour les composants état solide de haute puissance des satellites de communication * avec M.J.Payre(Sherbrooke) 3ans - 3e vers.	Groupe	24,888	38
Delisle, C. Physique Laval	Systèmes bistables pour les communications optiques * avec R.Tremblay(Laval) 3ans - 1er vers.	Groupe	39,500	38
DeMan, J.M. Food Science Guelph	Canola oil processing * with R.G.Ackman(T.U.N.S.) 3yr - 2nd Inst.	Group	69,960	39
De Mayo, P. Chemistry Western Ontario	Surface photochemistry and photophysics of adsorbed molecules * with W.R.Ware(Western Ontario) 2yr - 1st Inst.	Group	37,000	40
Descôteaux, J.P. Ctre. Rech.-Virol. Québec - IAF	L'étude des entérites causées par le coronavirus cunicole chez le lapin * avec L.Berthiaume, G.Lussier(I.A.F.) 2ans - 2e vers.	Groupe	11,660	39
Desnoyers, J.E. Chimie Sherbrooke	Utilisation des microémulsions pour l'extraction et la dispersion des huiles * avec J.K.Saunders(Sherbrooke) 3ans - 3e vers.	Groupe	77,237	35
Dewan, S.B. Electrical Eng. Toronto	Efficient power conditioning system (PCS) for photovoltaic arrays 3yr - 3rd Inst.	Individual	57,631	35
Dhillon, B.S. Mechanical Eng. Ottawa	Nuclear and conventional energy production and transmission systems reliability and safety assurance methods 3yr - 1st Inst.	Individual	30,000	35

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Dickson, J.I. Génie métall. Ecole Polytechnique	Appareillage pour l'automatisation d'une machine servohydraulique pour essais mécaniques	Appareillage	44,524	37
Dickson, J.I. Génie métall. Ecole Polytechnique	Comportement de fissures courtes lors de la fatigue-corrosion des aciers dans l'eau salée * avec J.B.Baïlon(Ecole Polytechnique) 3ans - 1er vers.	Groupe	84,550	37
Dignam, M.J. Chemistry Toronto	Hybrid photovoltaic, photochemical cell for solar energy storage 3yr - 3rd Inst.	Individual	44,560	35
Dignam, M.J. Chemistry Toronto	Synthesis and evaluation of novel metal catalysts * with I.G.Csizmadia,R.H.Morris, M.Moskovits,D.H.Napier,G.A.Ozin, J.C.Polanyi,J.Powell(Toronto) 3yr - 2nd Inst.	Group	396,440	35
Dillon, R.F. Psychology Carleton	A human factors investigation of function keys and voice recognition * with J.W.Tombaugh(Carleton) 3yr - 1st Inst.	Group	41,060	38
Dimroth, E. Géologie Québec-Chicoutimi	Modélisation des évolutions géologiques et métallogéniques de la ceinture Abitibi * avec Y.Héroux,K.Schrijver(Qué.-I.N.R.S.),M.Rocheleau(Laval), G.Archambault,J.Carignan, E.H.M.Chown,J.Guha(Qué.-Chicoutimi),N.Goulet(Qué.-Montréal) 3ans - 2e vers.	Groupe	74,200	40
Dixon, D.G. Biology Waterloo	Uptake, metabolism and toxicity of dietary and waterborne arsenicals to rainbow trout * with J.W.Hilton(Guelph) 3yr - 1st Inst	Group	47,000	36
Downie, H.G. Bio-Med Eng. Guelph	Pathophysiological model for stress characterization in swine * with P.A.Gentry,P.K.Basrur, R.M.Liptrap(Guelph) 2yr - 2nd Inst.	Group	42,400	39
Drake, J.E. Chemistry Windsor	Sulphur-containing compounds as potential additives for lubricants 3yr - 1st Inst.	Individual	35,980	35
Drouin, G. Génie mécanique Ecole Polytechnique	Elaboration d'un modèle biomécanique du genou * avec R.Doré,J.M.Dorlot,G.McIntyre, P.S.Thiry(Ecole Polytech.), G.R.Tremblay,C.A.Laurin(Montréal) 3ans - 3e vers.	Groupe	141,998	40

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Dubois, E. INRS-Télécomm. Québec - INRS	High-definition television * with B.Prasada(INRS-Quebec) 3yr - 3rd Inst.	Group	55,730	38
DuBow, M. Micro/Immunology McGill	The effect of genotoxic agents on movable genetic elements 3yr - 2nd Inst.	Individual	74,603	36
Dullien, F. Chemical Eng. Waterloo	Development of new core analysis * with I.Chatzis, I.F.Macdonald(Waterloo) 3yr - 1st Inst.	Group	77,133	35
Dumbroff, E.B. Biology Waterloo	Drought tolerance and physiological mechanisms of resistance in coniferous planting stock * with J.E.Thompson(Waterloo) 3yr - 1st Inst.	Group	30,000	40
Dusseault, M.B. Earth Sciences Waterloo	Salt rock mine design 2yr - 1st Inst.	Individual	49,146	40
Duthie, H.C. Biology Waterloo	Calibration of sedimentary diatom analyses for evaluating the effects of acid precipitation on dilute lakes * with S.M.Smith(Waterloo) 3yr - 2nd Inst.	Group	33,867	36
Eaton, D.R. Chemistry McMaster	Thermal energy storage using cobalt/oxygen complexes * with B.Latto(McMaster) 3yr - 3rd Inst.	Group	35,588	35
El-Hawary, M.E. Electrical Eng. Tech. Univ. N.S.	Modeling and optimization for electric energy systems operations 3yr - 3rd Inst.	Individual	38,024	35
Elmasry, M.I. Electrical Eng. Waterloo	Structured hierarchical design and simulation of VLSI systems * with P.Dasiewicz,J.V.Hanson, F.Mavaddat,K.Singhal,R.E.Seviora, T.R.Viswanathan,J.Vlach(Waterloo) 3yr - 1st Inst.	Group	484,000	38
Emery, W.J. Oceanography British Columbia	Satellite remote sensing of ocean circulation inferred from ice movements and sea surface temperature patterns * with P.H.LeBlond,L.A.Mysak(B.C.) 3yr - 3rd Inst.	Group	66,543	37
Farant, J.P. Grad. Stud./Res. McGill	Study of potential biological indices of past exposures to lead in the environment * with J.-P.Weber(Centre Hospitalier-Laval) 3yr - 1st Inst.	Group	34,000	36
Finch, J.A. Mining/Metal. Eng. McGill	Mineral processing of fine particles * with A.R.Laplante, N.Rowlands(McGill) 3yr - 1st Inst.	Group	50,000	40

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Findlay, J.A. Chemistry New Brunswick	A study in marine natural products * with E.W.K.Jay, C.S.Lobban,A.R.A.Taylor, M.L.H.Thomas,Z.Valenta, N.J.Whitney,K.Wiesner(N.B.) 3yr - 3rd Inst.	Group	95,061	37
Flanagan, R.C. Mechanical Eng. Ottawa	Design and testing of SMC hubs for mechanical energy storage rotors * with M.B.Munro(Ottawa) 2yr - 2nd Inst.	Group	38,266	35
Fletcher, G.L. Mar. Sc. Res. Lab Memorial	Improved freezing tolerance of Atlantic salmon by gene transfer * with P.L.Davies(Queen's), C.L.Hew(Toronto) 3yr - 2nd Inst.	Group	50,880	37
Forsberg, C.W. Microbiology Guelph	Acetone-butanol fermentation * with L.N.Gibbins(Guelph) 3yr - 2nd Inst.	Group	34,878	41
Fowler, D.B. Crop Dev. Ctre. Saskatchewan	Transfer of cold tolerance to winter wheat from related species 3yr - 2nd Inst.	Individual	45,580	39
Fredlund, D.G. Civil Engineering Saskatchewan	Engineering behavior of expansive soils 3yr - 3rd Inst.	Individual	55,848	40
Freeze, R.A. Geological Sciences British Columbia	Risk assessment and design of data collection and monitoring networks at waste management sites * with J.L.Smith, D.L.Anderson, W.F.Caselton(British Columbia)F.D.Patton(Westbay Instruments Ltd.) 3yr - 1st Inst.	Group	42,000	36
Friesen, J.D. Medical Genetics Toronto	Recombinant DNA technology: Development of novel classes of expression vehicles * with R.E.Pearlman(York) 3yr - 1st Inst.	Group	85,400	41
Fritz, P. Earth Sciences Waterloo	Occurrence and genesis of methane in the Canadian Shield * with J.F Barker,S.K.Frape, E.J.Reardon,C.Mayfield(Waterloo) 2yr - 1st Inst.	Group	38,160	40
Funt, B.L. Chemistry Simon Fraser	Electrochemical preparation of conducting polymers 3yr - 1st Inst.	Individual	32,730	40
Fyfe, C.A. Chemistry Guelph	Synthesis and modification of zeolite catalysts and their characterization by high-resolution solid-state NMR spectroscopy 3yr - 2nd Inst.	Individual	22,896	35
Fyles, T.M. Chemistry Victoria	Polymeric coupled transport membranes for metal recovery 3yr - 2nd Inst.	Individual	47,700	40

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Gale, J.E. Earth Sciences Memorial	Groundwater flow systems in fractured crystalline rocks - application to mineral exploration and toxic waste disposal * with B.J.Fryer, S.A.Macko,D.F.Strong(Memorial) 3yr - 1st Inst.	Group	80,000	40
Garside, B.K. Eng. Physics McMaster	Laser sources for optical communications * with P.E.Jessop(McMaster) 3yr - 2nd Inst.	Group	73,458	38
Garside, E.T. Biology Dalhousie	Effects of selected heavy metals in relation to ambient acidity on structure and functions of freshwater fish exposed to persistent levels 3yr - 2nd Inst.	Individual	47,870	36
Gaucher, G.M. Chemistry Calgary	Microbial and animal cell bioreactors * with B.H.Lesser, L.A.Behie(Calgary)	Group	132,000	41
Georganas, N. Electrical Eng. Ottawa	Packetized digital voice communication in a local computer network 3yr - 3rd Inst.	Individual	27,140	38
Gilmore, P.C. Computer Science British Columbia	Distributed messaging equipment	Equipment	118,355	38
Gilmore, P.C. Computer Science British Columbia	A distributed computer-based message system * with A.G.Fowler, J.E.L.Peck(U.B.C.) 2yr - 2nd Inst.	Group	111,300	38
Glass, A.D. Botany British Columbia	Potassium utilization in barley 3yr - 1st Inst.	Individual	30,000	39
Glass, I.I. Aerospace Studies Toronto	Advanced modelling and diagnostic techniques in swirl combustors 3yr - 3rd Inst.	Individual	50,103	35
Glick, B.R. Biology Waterloo	Development of Azotobacter as a bacterial fertilizer by the introduction of exogenous cellulase genes * with J.J.Pasternak(Waterloo) 3yr - 1st Inst.	Group	55,500	41
Goldenberg, A.A. Mechanical Eng. Toronto	Robotic based integrated industrial automation * with R.G.Fenton,K.C.Smith, J.A.Buzacott(Toronto) 2yr - 1st Inst.	Group	86,000	40
Gough, D.I. Physics Alberta	Magnetometer array and magnetotelluric studies of geothermal areas 3yr - 2nd Inst.	Individual	44,308	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Grace, J.R. Chemical Eng. British Columbia	Circulating bed fluidization 3yr - 2nd Inst.	Individual	21,730	35
Graham, W.A.G. Chemistry Alberta	Carbon-hydrogen bond activation by transition metals 3yr - 1st Inst.	Individual	35,000	35
Grandmaison, E.W. Chemical Eng. Queen's	Dryforming technology 3yr - 2nd Inst.	Individual	26,712	40
Gray, D.M. Agricult. Eng. Saskatchewan	The role of snow in agricultural production * with D.H.Male, D.I.Norum(Saskatchewan) 3yr - 1st Inst.	Group	80,000	39
Gregory, B.C. INRS - Energie Québec - INRS	Appareillages pours les diagnostics avancés en développment pour le Tokamak de Varennes	Equipment	60,330	35
Grigliatti, T.A. Zoology British Columbia	Bio-engineering: Modifying drosophila transposable elements to act as insect pest control vectors * with H.W.Brock(British Columbia) 2yr - 1st Inst.	Group	63,000	41
Guillet, J.E. Chemistry Toronto	Light-gathering polymer coatings for use in photovoltaic cells * with D.A.Holden(Waterloo) 3yr - 1st Inst.	Group	66,500	35
Guillet, J.E. Chemistry Toronto	Design, synthesis and characterization of polymers for high technology applications * with M.A.Winnik,D.F.James, S.G.Whittington, W.F.Reynolds(Toronto) 3yr - 1st Inst.	Group	150,000	40
Gusta, L.V. Crop Science Saskatchewan	Mechanisms by which ABA increases plant cold hardiness 3yr - 1st Inst.	Individual	42,900	39
Guthrie, R.I.L. Mining/Metal. Eng. McGill	Optimisation studies of steel plant processing furnaces and vessels * with M.E.Salcudean(Ottawa) 3yr - 2nd Inst.	Group	73,352	35
Haard, N.F. Biochemistry Memorial	Proteolytic enzymes in cheddar cheese * with A.M.Martin, T.R.Patel(Memorial) 3yr - 2nd Inst.	Group	74,200	39
Haedrich, R.L. Biology Memorial	Biological recolonization rate in iceberg scours 3yr - 1st Inst.	Individual	28,128	37
Haedrich, R.L. Biology Memorial	Deep-sea camera system	Equipment	41,423	37

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Haering, R.R. Physics British Columbia	Phase conversion in Li/MoS2 batteries 3yr - 2nd Inst.	Individual	53,742	35
Hall, J.M. Geology Dalhousie	Investigation of the hydrothermal systems responsible for the formation of massive sulfide ore bodies in the ocean crust * with P.T.Robinson(Dalhousie) 3yr - 3rd Inst.	Group	53,472	37
Hamielec, A.E. Chemical Eng. McMaster	Development of polymer production technology * with T.W.Hoffman, J.F.MacGregor(McMaster) 3yr - 3rd Inst.	Group	76,049	40
Harney, P.M. Horticultural Sci. Guelph	Herbicide tolerance in Brassica crops * with V.Souza Machado(Guelph) 3yr - 1st Inst.	Group	35,000	39
Harrison, P.J. Oceanogr./Botany British Columbia	Biological productivity in frontal areas in B.C. coastal waters * with T.R.Parsons(B.C.) 3yr - 3rd Inst.	Group	36,599	37
Harvey, H.H. Zoology Toronto	The mechanism of action of manganese on fishes, in the context of manganese mobilization from soils and sediments in response to acid precipitation 2yr - 2nd Inst.	Individual	31,336	36
Hayes, J.F. Electrical Eng. McGill	An optical fiber based local area network	Equipment	19,828	38
Hayes, J.F. Electrical Eng. McGill	An optical fiber based on local area network 3yr - 1st Inst.	Group	49,100	38
Haykin, S. Elec. & Comp. Eng. McMaster	Ice surveillance in the Arctic using surface-based radar 3yr - 2nd Inst.	Individual	77,274	37
Haynes, R.H. Biology York	Induction of genetic damage by environmental mutagens 3yr - 3rd Inst.	Individual	50,000	36
Hileman, O.E. Chemistry McMaster	Studies on the chemistry of dual catalyst liquid redox desulfurization technologies 3yr - 3rd Inst.	Individual	39,117	35
Hill, P.G. Mechanical Eng. British Columbia	Combustion diagnostic instrumentation	Equipment	78,024	35
Hill, P.G. Mechanical Eng. British Columbia	Flame speed enhancement for alternative fuels in I.C. engines * with R.L.Evans(British Columbia)	Group	68,960	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Hiscott, R.N. Earth Sciences Memorial	Fossil fuel potential of carboniferous pull-apart basins, Nfld. and Gulf of St. Lawrence * with J.A.Wright, H.G.Miller(Memorial), P.L.Dean(Dept. of Mines and Energy, Labrador) 3yr - 2nd Inst.	Group	122,769	35
Hobson, L.A. Biology Victoria	The relationship between phytoplankton biology and turbulent mixing in the marine environment * with K.Denman(Inst. of Ocean Sciences) 3yr - 2nd Inst.	Group	19,059	37
Hoefer, W.J.R. Electrical Eng. Ottawa	Integrated circuits and components for millimeter-wave communications 3yr - 2nd Inst.	Individual	53,000	38
Hollands, K.G.T. Mechanical Eng. Waterloo	Application of time-series and graph-theoretic methods to the analysis of solar energy systems * with M.Chandrashekar, T.E.Unny(Waterloo) 3yr - 3rd Inst.	Group	44,465	35
Holt, R.C. Computer Science Toronto	Software development system for embedded microprocessors 3yr - 1st Inst.	Individual	96,642	38
Holt, R.C. Computer Science Toronto	Computer work stations and prototype embedded systems	Equipment	114,302	38
Hornof, V. Chemical Eng. Ottawa	Enhanced oil recovery using lignin waste products * with G.H.Neale(Ottawa) 3yr - 1st Inst.	Group	40,000	35
Hron, F. Physics Alberta	Computer inversion of geophysical data using inverse methods and direct numerical modeling * with M.Razavy(Alberta) 3yr - 2nd Inst.	Group	82,680	35
Hrudey, S.E. Civil Engineering Alberta	Anaerobic biological treatment of phenolics * with D.Westlake, N.Berkowitz,D.W.Smith, P.M.Fedorak(Alberta) 3yr - 1st Inst.	Group	33,800	41
Hruska, C.K. Mathematics York	Piezoelectricity research laboratory: nonlinear properties and stability of piezoelectric resonators for frequency control and selection 3yr - 1st Inst.	Individual	39,300	38
Hsu, T.R. Mechanical Eng. Manitoba	Permeability enhancement of oil sands by effective in-situ fracturing * with J.D.Scott(Alberta), D.K.Sinha(Manitoba) 3yr - 2nd Inst.	Group	138,860	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Huang, P.M. Soil Science Saskatchewan	Dynamics of dispersion of mercury and selenium from freshwater sediments as influenced by chlorides, organics, and eutrophication * with U.T.Hammer(Saskatchewan) 3yr - 1st Inst.	Group	65,000	36
Hudgins, R.R. Chemical Eng. Waterloo	Improved alcohol synthesis through periodic operation * with P.L.Silveston(Waterloo) 3yr - 2nd Inst.	Group	18,974	35
Hudson, G.R. Veter. Microbiol Saskatchewan	Vaccine for prevention of neonatal calf diarrhea caused by enteric rota and corona viruses * with L.A.Babiuk(Sask.) 3yr - 2nd Inst.	Group	105,422	41
Huebner, E. Zoology Manitoba	Mode of action of third generation insecticides on reproduction and development: Prediction of developmental defects 2yr - 2nd Inst.	Individual	17,490	36
Huner, N.P.A. Plant Science Western Ontario	Control of snow mold growth * with R.B.Van Huystee(Western Ontario),E.W.B.Ward(Agriculture Canada) 3yr - 3rd Inst.	Group	35,648	39
Hunt, L.A. Crop Science Guelph	Evaluation of traits associated with photosynthetic productivity in wheat 3yr - 3rd Inst.	Individual	38,024	39
Hunter, R.B. Crop Science Guelph	Prevention of mycotoxin production in corn * with L.V.Busch(Guelph) 3yr - 3rd Inst.	Group	23,765	39
Huntley, D.A. Oceanography Dalhousie	The movement of water and sediment near the sea bed * with A.J.Bowen(Dalhousie) 2yr - 1st Inst.	Group	58,006	37
Hutchinson, T.C. Botany Toronto	Leaf area meter	Equipment	8,525	36
Hutchinson, T.C. Botany Toronto	Nature and comparison of the buffering capacity of leaf surfaces to acid rain droplets * with R.L.Jefferies(Toronto) 3yr - 2nd Inst.	Group	51,940	36
Hyne, J.B. Chemistry Calgary	Aquathermolysis of organosulphur compounds of heavy oils 3yr - 3rd Inst.	Individual	54,482	35
Ingram, R.G. Oceanography McGill	Self recording tide gauge	Equipment	8,733	37

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Ingram, R.G. Inst. Oceanography McGill	Entrainment, mixing processes and phytoplankton production in an under-ice Hudson Bay plume * with L.Legendre(Laval), V.H.Chu(McGill) 3yr - 3rd Inst.	Group	40,996	37
Irish, D.E. Chemistry Waterloo	Studies of electrolytes and redox processes of importance in power research programs * with G.E.Toogood(Waterloo)	Group	34,500	35
Isaacson, M.S.Q. Civil Engineering British Columbia	Design of offshore structures in shallow water 3yr - 3rd Inst.	Individual	41,589	37
Ishiguro, E.E. Biochem./Microbiol. Victoria	An application for a refrigerated centrifuge	Equipment	18,244	41
Ishiguro, E.E. Biochem./Microbiol. Victoria	Development of a vaccine for furunculosis, a bacterial disease of salmonids * with W.W.Kay,T.J.Trust(Victoria) 3yr - 1st Inst.	Group	78,500	41
Iyer, V.N. Biology Carleton	Molecular genetics of Rhizobium meliloti and its plasmids * with R.M.Behki,R.J.Watson(Canada Agriculture, Chem. and Biology Res. Inst.) 3yr - 2nd Inst.	Group	72,292	41
Jana, S. Crop Science Saskatchewan	Conservation of genetic resources: barley and durum wheat 3yr - 3rd Inst.	Individual	47,530	39
Jay, E. Chemistry New Brunswick	Studies and optimization of synthetic E coli ribosome binding sites in industrial applications for the expression and production of mammalian proteins in bacteria 3yr - 3rd Inst.	Individual	112,647	41
Jay, F.T. Microbiology Manitoba	Rabies 3yr - 2nd Inst.	Individual	26,500	41
Jay, F.T. Microbiology Manitoba	Ultracentrifuge and vertical rotor	Equipment	43,490	41
Jelen, P. Food Science Alberta	Physico-chemical and engineering studies of ultrafiltration and reverse osmosis for food processing (3rd instalment deferred to 1983-84) 3yr - 3rd Inst.	Individual	47,530	39
Jenkins, D.J.A. Nutrition/Food Sci Toronto	Human nutritional studies to promote the use of leguminous seeds * with L.U.Thompson, A.V.Rao,G.H.Anderson, L.M.Blendis(Toronto) 3yr - 3rd Inst.	Group	118,826	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Jervis, R.E. Chemical Eng. Toronto	Compositional characterization of combustion condensate particulates from energy sources 3yr - 1st Inst.	Individual	30,495	35
Johansen, P.H. Biology Queen's	The effects of pentachlorophenol on predator-prey behaviour using young largemouth bass (Micropterus salmoides) and the guppy (Poecilia reticulata) as a model system * with P.W.Colgan(Queen's) 2yr - 2nd Inst.	Group	39,750	36
Johnson, D.A. Biology Ottawa	Engineering of a transfer system for Rhizobium japonicum: application to innoculant improvement 3yr - 2nd Inst.	Individual	8,480	41
Jones, F.W. Physics Alberta	A study of sources and uses of geothermal energy in Alberta 3yr - 2nd Inst.	Individual	53,000	35
Jones, J.B. Chemistry Toronto	Enzyme-based syntheses of important biologically active products 3yr - 1st Inst.	Individual	31,019	41
Kaliaguine, S. Génie chimique Laval	Titrimètre automatique	Appareillage	13,000	35
Kaliaguine, S.C.F. Génie chimique Laval	Production et valorisation d'huiles pyrolytiques à partir du bois 3ans - 3e vers.	Individuelle	50,502	35
Kalsner, S. Pharmacology Ottawa	High blood pressure, kidney and coronary heart disease and cadmium ingestion in Canada: A study of receptors and effectors	Individual	35,000	36
Kamphuis, J.W. Civil Engineering Queen's	Research on the hydraulic modelling of artificial sand islands * with A.Brebner(Queen's) 3yr - 1st Inst.	Group	48,500	37
Kannenberg, L.W. Crop Science Guelph	Gene pool development in corn with emphasis on maturity, yield, stalk quality, and corn borer resistance 3yr - 2nd Inst.	Individual	47,700	39
Karamanos, R.E. Soil Science Saskatchewan	Micronutrients in Saskatchewan soils * with J.W.B.Stewart, J.J.Germida(Saskatchewan) 2yr - 1st Inst.	Group	66,300	39
Kasha, K.J. Crop Science Guelph	Evaluation of in vitro variability and selection potential in crop species * with W.D.Beversdorf,B.E.Ellis, B.D.McKersie,R.L.Peterson, D.T.Tomes(Guelph) 3yr - 2nd Inst.	Group	136,740	41

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Katz, M. Chemistry York	Chemical and mutagenic activity of adsorbed polycyclic aromatic hydrocarbons and oxidation products * with E.Lee-Ruff(York) 2yr - 2nd Inst.	Group	53,000	36
Kay, B.D. Land Resource Sc Guelph	Management of soil physical conditions under intensive corn cultivation * with others 3yr - 2nd Inst.	Group	116,600	39
Keates, R.A.B. Chemistry & Biochem Guelph	Heavy metal toxicity and the cytoskeleton 2yr - 2nd Inst.	Individual	29,484	36
Keenan, F.J. Forestry Toronto	A unified design method for joints in wood structures * with G.T.Will(Toronto) 3yr - 1st Inst.	Group	30,180	40
Khan, R.A. Biology Memorial	The effects of crude oil on parasitized cod and winter flounder 3yr - 3rd Inst.	Individual	27,330	37
Kind, R.J. Mech. & Aeronaut. Carleton	Flow in small centrifugal fans 3yr - 1st Inst.	Individual	12,150	35
King, G.J. Animal/Poultry Sc. Guelph	Factors affecting estrous behaviour in dairy cows * with J.S.Walton(Guelph), J.McDougall(W.O.Breeders Inc.) 3yr - 3rd Inst.	Group	35,648	39
King, H.W. Eng. Physics Tech. Univ. N.S.	Plasma spray ceramic coating unit	Equipment	78,033	35
King, H.W. Eng. Physics Tech. Univ. N.S.	Plasma sprayed ceramic coatings for use in coal combustion systems * with W.F.Caley(T.U.N.S.) 3yr - 1st Inst.	Group	46,980	35
King, J. Biology Saskatchewan	The liposome-mediated transfer of chromosomes into auxotrophic cells of Datura 3yr - 3rd Inst.	Individual	42,777	41
Kluepfel, D. Bactériologie Québec - IAF	Modifications de souches de Streptomyces par génie génétique pour l'hyperproduction de cellulases et xylanase extracellulaires * avec R.Morosoli,F.Shareck(IAF) 3ans - 1er vers.	Groupe	58,500	41
Knoechel, R. Biology Memorial	Plankton rate processes in oligotrophic and coastal oceans 3yr - 2nd Inst.	Individual	25,444	37
Knott, D.R. Crop Science Saskatchewan	The exploitation in wheat of rust resistance derived from related species 3yr - 2nd Inst.	Individual	30,740	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Kokta, B.V. Pâtes et papiers Qué.-Trois-Riv.	Appareil et accessoires pour l'évaluation des composites	Appareillage	56,166	40
Kresge, A.J. Chemistry Toronto	Prostacyclin: Biotechnological applications 3yr - 2nd Inst.	Individual	24,831	40
Krishnamurti, C.R. Animal Science British Columbia	Nutrition - reproduction interactions * with J.A.Shelford(B.C.) 3yr - 2nd Inst.	Group	58,300	39
Kropinski, A.M. Microbiology Queen's	The development of an economical fermentation process for the production of organic solvents from biomass * with G.W.Hay, W.A.Szarek(Queen's) 3yr - 3rd Inst.	Group	71,296	41
Kushner, D.J. Biology Ottawa	Regulation of cellulase production in industrially important microorganisms 2yr - 2nd Inst.	Individual	28,090	41
Kutney, J.P. Chemistry British Columbia	Studies on detoxification of pulp mill effluents. The biological degradation of fish toxic substances as an approach to improvement of water quality 2yr - 2nd Inst.	Individual	84,948	41
Kutney, J.P. Chemistry British Columbia	Microbial transformation of tall oil - an important Canadian resource for clinically important steroidal drugs 2yr - 1st Inst.	Individual	73,500	41
Kutney, J.P. Chemistry British Columbia	Development of plant tissue and cell culture fermentations as a source for antineoplastic agents. An approach to pharmaceutically important products * with P.M.Townsley(U.B.C.) 3yr - 2nd Inst.	Group	63,066	41
Lachance, M.A. Plant Science Western Ontario	High yield pentose fermenting yeasts for immobilized cell bioreactors * with A.Margaritis(Western Ontario) 3yr - 2nd Inst.	Group	32,945	41
Lane, P.A. Biology Dalhousie	Experimental validation of cause and effect relationships in polluted marine ecosystems 3yr - 3rd Inst.	Individual	38,380	37
Larivière, S. Pathol./microbiol. Montréal	Système de microradiographie et de fluorescence	Appareillage	46,217	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Larivière, S. Pathol./microbiol. Montréal	Etude physiopathogénique de la rhinite atrophique du porc * avec A.Bisaillon,G.Cousineau, R.Higgins,A.Lagacé,G.P.Martineau, K.R.Mittal(Montréal) 3ans - 1er vers.	Groupe	58,500	39
Larter, E.N. Plant Science Manitoba	Evaluation and utilization of corn genotypes for seedling cold tolerance 3yr - 2nd Inst.	Individual	31,800	39
Lavers, J.D. Electrical Eng. Toronto	Portable data acquisition and diagnostic facility for electric arc furnace disturbances 2yr - 1st Inst.	Individual	49,028	35
Law, F.C.P. Biolog. Sciences Simon Fraser	Metabolic disposition and sub-lethal effects of chlorodiphenyl ethers in fish and rats * with M.M.Hansell(Dalhousie), M.Addison(Bedford Inst.) 3yr - 3rd Inst.	Group	53,472	36
Leblanc, R.M. Photobiophysique Qué.-Trois-Riv.	Etude de cellules photovoltaïques organiques à base de pigments photosynthétiques 3ans - 2e vers.	Individuelle	44,838	35
LeBlond, P.H. Oceanography British Columbia	Physical oceanography of Arctic Straits 3yr - 3rd Inst.	Individual	40,996	37
LeDuy, A. Génie chimique Laval	Production du polysaccharide pullulan par le procédé de fermentation à bi-stage 2ans - 1er vers.	Individuelle	31,140	41
LeDuy, A. Génie chimique Laval	Montage de fermentation à bi-stage pour la production du polysaccharide pullulan	Appareillage	19,592	41
Leggett, W.C. Biology McGill	Predicting year class strength in capelin 3yr - 3rd Inst.	Individual	31,769	37
Lessard, J. Chimie Sherbrooke	Electrohydrogénation de molécules organiques * avec F.M.Kimmerle(Sherbrooke) 3ans - 3e vers.	Groupe	43,252	35
Lever, A.B.P. Chemistry York	Design of a metal-organic oxygen reduction electrocatalyst * with C.C.Leznoff(York), R.D.Venter(Toronto) 3yr - 2nd Inst.	Group	57,198	35
Levine, M.D. Electrical Eng. McGill	The application of robotics to electronic inspection, repair and assembly * with V.K.Agarwal, P.R.Belanger,A.S.Malowany, S.W.Zucker(McGill) 3yr - 2nd Inst.	Group	105,868	40

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Lin, S. Mechanical Eng. Concordia	A multiple, solar, air and storage, source heat pump for cold climates * with K.I.Krakow(Concordia) 3yr - 2nd Inst.	Group	46,583	35
Lo, K.V. Bio-Res. Eng. British Columbia	Biological process application for biogas production and waste treatment * with N.R.Bulley(U.B.C.) 3yr - 2nd Inst.	Group	44,520	41
Louden, K.E. Oceanography Dalhousie	Heat flow study of eastern Canadian margins * with J.A.Wright(Memorial) 3yr - 2nd Inst.	Group	55,788	37
Lui, E.M.K. Pharmacology Western Ontario	Hepatic enzyme tests for screening potential chemical effects on male reproduction 3yr - 2nd Inst.	Individual	55,448	36
MacKenzie, A.F. Ren. Resources Macdonald Coll.	Effects of foliar and soil fertilizer N and inter-row clover on yield and quality of corn and on subsequent soil quality * with G.Mehuys, R.Phillip(Macdonald) 3yr - 1st Inst.	Group	58,000	39
Mackie, G.L. Zoology Guelph	Partitioning and bioaccumulation of heavy metals by functional groups of zoobenthos in acidifying lakes 3yr - 2nd Inst.	Individual	41,919	36
Mackie, G.O. Biology Victoria	Impact of 'jellyfish' predation upon fish larvae populations 3yr - 2nd Inst.	Individual	25,440	37
MacLeod, I.A. Comp. & Info. Sc. Queen's	Adaptive software interface for computer communication networks * with D.T.Barnard, D.A.Jardine(Queen's) 3yr - 2nd Inst.	Group	68,900	38
Magnenat-Thalmann, N. Méth. quant. gest. Montréal	Un système graphique complet (2D et 3D) pour le fournisseur d'information de Telidon * avec D.Thalmann(Montréal) 2ans - 2e vers.	Groupe	33,390	38
Malcolm, M.A. Computer Science Waterloo	Portable software for networks of personal computer work stations * with J.C.Beatty, K.S.Booth(Waterloo) 3yr - 3rd Inst.	Group	83,178	38
Manchester, F.D. Physics Toronto	Alloy development for hydrogen storage in the hydrogen economy * with G.C.Weatherly,C.B.Alcock, J.S.Hewitt,C.A.Ward(Toronto) 2yr - 2nd Inst.	Group	100,700	35

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Mandelis, A. Mechanical Eng. Toronto	Photoacoustic application to silicon process R & D for ion implant parameter control enhancement	Individual	31,515	38
March, B.E. Poultry Science British Columbia	Stress and efficiency of protein utilization in the growing chicken 3yr - 3rd Inst.	Individual	53,472	39
Mark, J.W. Electrical Eng. Waterloo	Integrated services using local area communication networks * with J.W.Wong,J.A.Field, G.B.Agnew(Waterloo) 3yr - 2nd Inst.	Group	135,426	38
Marquardt, R.R. Animal Science Manitoba	Livestock mycotoxicosis from stored cereal grains * with D.Abramson(Ag. Can.Res.Station), W.E.Muir,S.C.Stothers, G.D.Phillips(Manitoba) 3yr - 1st Inst.	Group	80,000	39
Martel, J.G. INRS - Energie Québec - INRS	Etudes technologiques et scientifiques reliées à la fusion par confinement magnétique dans un dispositif torique * avec H.Van Andel, V.M.M.Glaude(Montréal), B.C.Gregory,J.M.Larsen, B.L.Stansfield,B.Terreault(Qué.-I.N.R.S.) 3ans - 3e vers.	Groupe	204,381	35
Martin-Sanchez, J.M. Chemical Eng. Alberta	Industrial implementation for adaptive predictive control system 2yr - 2nd Inst.	Individual	27,348	40
Masliyah, J. Chemical Eng. Alberta	Application of inclined plate settler to separation of bitumen-sand slurry * with K.Nandakumar(Alberta) 2yr - 1st Inst.	Group	45,850	35
Mason, L.G. INRS-Télécomm. Québec - INRS	Switching techniques for integrated telecommunications networks * with M.A.Kaplan(I.N.R.S.-Québec), M.J.Ferguson(Bell-Northern Research-I.N.R.S.-Telecommunications) 3yr - 2nd Inst.	Group	69,097	38
Massé, R. INRS-Santé Québec - INRS	Etudes de modèles bactériens du métabolisme animal appliquées à la biodégradation des BPC et des amines d'aryle et de leur biotransformation dans l'environnement * avec M.Sylvestre(Québec-I.A.F.) 3ans - 2e vers.	Groupe	53,000	36

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Matheson, A.T. Biochem./Microbiol. Victoria	Toxicology in marine and aquatic systems * with M.Ashwood-Smith, G.R.Branton, J.T.Buckley, E.E.Ishiguro, W.W.Kay, A.McAuley, J.A.McCarter, R.H.Mitchell, R.W.Olafson, T.W.Pearson, T.J.Trust, P.R.West(Victoria) 3yr - 3rd Inst.	Group	150,000	36
Mayfield, C.I. Biology Waterloo	Hydrocarbon production from algal and fungal biomass * with W.B.Kendrick, J.E.Thompson(Waterloo) 3yr - 2nd Inst.	Group	50,880	41
McBean, E.A. Civil Engineering Waterloo	Design of acid rain abatement strategies incorporating uncertainty * with G.J.Farquhar(Waterloo) 3yr - 1st Inst.	Group	16,100	40
McCalla, D.R. Biochemistry McMaster	Environmental toxicology of nitro polycyclic aromatic hydrocarbons * with M.A.Quilliam, B.E.McCarry(McMaster) 3yr - 3rd Inst.	Group	88,323	36
McCully, M.E. Biology Carleton	Developmental studies of plant and microbial interactions involved in the establishment of soil sheaths and of associative nitrogen fixing relationships in the rhizosphere of corn 3yr - 1st Inst.	Individual	47,000	39
McHughen, A.G. Crop Dev. Ctre. Saskatchewan	Development of salt-tolerant flax strains through somaclonal variation in vitro 3yr - 1st Inst.	Individual	39,000	39
McKersie, B.D. Crop Science Guelph	Physiological and genetic basis of winter hardiness in Triticale and wheat * with L.A.Hunt, E.Reinbergs(Guelph) 3yr - 3rd Inst.	Group	35,648	39
McKinnon, D.M. Chemistry Manitoba	Investigation of the reactions of polychlorinated biphenyls with sulphur 3yr - 2nd Inst.	Individual	24,253	36
McKyes, E. Agricultural Chem. Macdonald Coll.	Energy conservation in corn production * with A.F.MacKenzie, A.K.Watson, P.R.Warman(Macdonald College) 3yr - 3rd Inst.	Group	47,530	39
McLean, A. Metal/Mat. Science Toronto	Advanced steelmaking processes * with C.B.Alcock, I.D.Sommerville(Toronto) 3yr - 1st Inst.	Group	180,000	40

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
McNeil, J.N. Biologie Laval	Role of pheromones in Pseudaletia unipuncta population dynamics and its importance in management programmes for this and other noctuid pest species 3ans - 3e vers.	Individuelle	55,848	39
Mellors, A. Chemistry Guelph	Physical toxicity and the effects of halogenated hydrocarbons on mammalian cells 3yr - 3rd Inst.	Individual	38,046	36
Merali, Z. Psychology Ottawa	Cadmium, lead and stress: Toxicological effects of multi-exposure on behavioural and certain biological systems following chronic low level treatment * with R.L.Singhal(Ottawa) 3yr - 2nd Inst.	Group	44,981	36
Meyer, J. Physics British Columbia	1 GHz real-time oscilloscope	Equipment	49,184	35
Meyer, J. Physics British Columbia	Physical processes in laser plasma interaction and submicron wavelength scaling * with B.Ahlborn,A.J.Barnard,F.L.Curzon, A.K.Ng(B.C.) 3yr - 2nd Inst.	Group	153,700	35
Michel, B. Génie civil Laval	Impact de la glace sur les ouvrages de génie civil de l'Arctique, à parois inclinées 3ans - 1er vers.	Individuelle	50,900	37
Michel, B. Génie civil Laval	Système frigorifique pour une chambre froide expérimentale	Appareillage	23,167	37
Miller, J.R. Physics York	Investigation of water color interpretation algorithms for Case 2 waters 2yr - 1st Inst.	Individual	49,600	37
Miller, M.H. Land Resource Sc Guelph	Modifying soil-plant environment to maximize yield potential of maize * with M.Tollenaar, G.W.Thurtell,D.M.Brown(Guelph) 3yr - 2nd Inst.	Group	95,400	39
Miller, R.C. Microbiology British Columbia	Cloning and expression of cellulase genes * with D.G.Kilburn,R.A.J.Warren(B.C.) 3yr - 2nd Inst.	Group	117,321	41
Modi, V.J. Mechanical Eng. British Columbia	Dynamics and control of large communications satellites 3yr - 3rd Inst.	Individual	23,765	38
Moffat, J.B. Chemistry Waterloo	Direct partial oxidation of methane to methanol over new heteropoly catalysts 2yr - 1st Inst.	Individual	25,000	35

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Moffat, J.B. Chemistry Waterloo	Gas chromatograph with mass-selective detector	Equipment	11,488	35
Moo-Young, M. Chemical Eng. Waterloo	Waste utilization in SCP production * with J.M.Scharer(Waterloo), J.D.Cunningham,J.C.Alexander, S.Leeson(Guelph),S.P.Touchburn, E.R.Chavez(Macdonald) 3yr - 1st Inst.	Group	60,500	41
Moo-Young, M. Chemical Eng. Waterloo	Upgrading waste biomass into methane fuel gas by anaerobic fermentation * with J.M.Scharer, C.W.Robinson(Waterloo) 3yr - 3rd Inst.	Group	19,250	41
Moreau, P. Biology Ottawa	Cloning of cDNA of major antigen of pseudorabies virus and expression in E. coli 3yr - 1st Inst.	Individual	43,700	41
Morgenstern, N.R. Civil Engineering Alberta	Ice rubble mechanics * with D.C.Sego(Alberta) 3yr - 1st Inst.	Group	97,040	37
Morrison, J.B. Kinesiology Simon Fraser	Definition of physiological loading imposed by underwater breathing apparatus 3yr - 2nd Inst.	Individual	38,303	37
Morrison, S.R. Physics Simon Fraser	Adsorption and catalysis on metal sulphide layer compounds * with R.F.Frindt,J.C.Irwin(Simon Fraser) 3yr - 2nd Inst.	Group	86,920	35
Mowat, D.N. Animal/Poultry Sc. Guelph	Nutritional evaluation of residue from methane fermentation of animal wastes * with G.K.Macleod,J.G.Buchanan-Smith(Guelph) 2yr - 2nd Inst.	Group	37,100	39
Muehlenbachs, K. Geology Alberta	An integrated study of precious and base metal mobilization in hydrothermally altered oceanic crust * with B.E.Nesbitt(Alberta) 3yr - 1st Inst.	Group	71,944	37
Muir, W.E. Agricult. Eng. Manitoba	Efficient crop drying with near-ambient temperature air * with R.N.Sinha(Manitoba) 3yr - 2nd Inst.	Group	53,000	39
Mullin, R.C. Combin./Optimiz. Waterloo	Data encryption and security * with I.F.Blake, S.A.Vanstone(Waterloo) 2yr - 1st Inst.	Group	40,000	38
Murphy, B.D. Biology Saskatchewan	High speed refrigerated centrifuge	Equipment	26,250	39

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Murphy, B.D. Biology Saskatchewan	Equine chorionic gonadotrophin * with P.F.Flood,F.M.Bristol(Sask.) 3yr - 3rd Inst.	Group	42,184	39
Mylopoulos, J. Computer Science Toronto	Design, implementation and testing of a semantic data model: The Taxis Project 3yr - 1st Inst.	Individual	103,600	38
Nadeau, J.S. Metallurgical Eng. British Columbia	Delayed failure of composite * with E.Teghtsoonian, R.J.Gray(British Columbia) 3yr - 1st Inst.	Group	60,000	40
Nakai, S. Food Science British Columbia	Statistical optimization and data processing of food research 2yr - 2nd Inst.	Individual	26,500	39
Nakai, S. Food Science British Columbia	Microcomputer for feasibility information on food research	Equipment	15,155	39
Netsch, H. Génie mécanique Laval	Turbine hydro-électrique de faible et moyenne puissance complètement automatique * avec P.Viarouge(Laval) 3ans - 3e vers.	Groupe	20,200	35
Newkirk, G.F. Biology Dalhousie	Development of oyster hatchery and nursery culture technology * with M.L.Cross,L.E.Haley, R.K.O'Dor(Dalhousie), J.S.Craigie(Atlantic Research Laboratory) 3yr - 2nd Inst.	Group	53,000	39
Newman, E.B.S. Biology Concordia	Production of ammonia & biochemicals by bacteria 3yr - 1st Inst.	Individual	44,100	41
Nicholls, D.M. Biology York	Effect of heavy metals on the translation of genetic information in mammalian tissues 3yr - 3rd Inst.	Individual	29,081	36
Nieboer, E. Biochemistry McMaster	Nickel toxicology 3yr - 1st Inst.	Individual	70,000	36
Nieboer, E. Biochemistry McMaster	Spectrophotometer for use in nickel toxicology	Equipment	15,000	36
Nolan, R.A. Biology Memorial	A study of the molecular basis of Entomophthora egressa virulence for the spruce budworm and of mycovirus occurrence in E. egressa * with W.S.Davidson(Memorial) 3yr - 2nd Inst.	Group	39,680	41
Oaks, B.A. Biology McMaster	Interactions of soil micro-organisms and crop plants: Influence on N2, NO3- and NH4+ assimilation 3yr - 1st Inst.	Individual	60,000	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
O'Dor, R.K. Biology Dalhousie	Oyster hatchery water quality monitor	Equipment	19,495	39
Offenberger, A.A. Electrical Eng. Alberta	Laser fusion research 3yr - 3rd Inst.	Individual	112,885	35
Offenberger, A.A. Electrical Eng. Alberta	Ultrafast X-ray streak camera	Equipment	100,000	35
Ormrod, D.P. Horticultural Sci. Guelph	Chronic low-level phytotoxicity from mixtures of gaseous pollutants * with D.B.Allen(Guelph), D.Balsillie(Ont. Min. of the Envir.) 3yr - 1st Inst.	Group	62,000	36
Ostlund, N.S. Computer Science Waterloo	The systolic loop: A multiple processor architecture enabling efficient interprocessor communication 2yr - 1st Inst.	Individual	57,976	38
Palmer, W.M. Animal Science Manitoba	Insulin receptor prediction of body fat in cattle * with A.D.Graham,G.H.Crow(Manitoba), G.W.Rahnefeld(Agriculture Canada, Brandon) 3yr - 2nd Inst.	Group	31,800	39
Parkinson, D. Biology Calgary	Soil processes as early indicators of terrestrial ecosystem stress 3yr - 3rd Inst.	Individual	53,234	36
Parsons, R.R. Physics British Columbia	RF substrate bias system	Equipment	8,200	35
Parsons, R.R. Physics British Columbia	The utilization of planar magnetron sputtering: Thin films for solar energy applications * with C.F.Schwerdtfeger, R.Barrie(B.C.) 3yr - 2nd Inst.	Group	55,120	35
Passmore, J. Chemistry New Brunswick	The preparation and characterisation of novel conducting polymers and related materials 3yr - 1st Inst.	Individual	41,304	40
Pepin, H. INRS - Energie Québec - INRS	Production, transport et contrôle des électrons dans les expériences d'interaction laser CO2-matière * avec R.Decoste, P.Lavigne,F.Martin, T.W.Johnston(Qué-I.N.R.S.), P.A.Bélanger(Laval) 3ans - 3e vers.	Groupe	148,533	35

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Peppard, L.E. Electrical Eng. Queen's	Computer aided design and testing of VLSI circuits for communications * with J.L.Mason, P.J.McLane,S.R.Penstone, S.E.Tavares,P.H.Wittke(Queen's) 3yr - 2nd Inst.	Group	74,624	38
Peter, R.E. Zoology Alberta	Induced spawning of fish by LRH-A 3yr - 3rd Inst.	Individual	39,807	39
Petit, T.L. Psychology Toronto	Neurobiological mechanisms of lead toxicity 3yr - 1st Inst.	Individual	35,000	36
Petit, T.L. Psychology Toronto	Image analysis system	Equipment	16,970	36
Pharis, R.P. Biology Calgary	Tree improvement: Anatomical, physiological and biochemical approaches to obtaining early and enhanced seed production in conifers * with J.N.Owens(Victoria) 3yr - 1st Inst.	Group	70,000	40
Piggott, M.R. Chemical Eng. Toronto	Tough fibre reinforced plastics 3yr - 3rd Inst.	Individual	15,930	40
Plaa, G.L. Pharmacology Montréal	Evaluation of toxic interactions involving multiple target organs * with J.Brodeur,A.L.Gascon, J.Lambert(Montréal) 3yr - 1st Inst.	Group	60,000	36
Plaa, G.L. Pharmacologie Montréal	Potentiation of haloalkane hepatotoxicity by ketones * avec G.Caillé,M.G.Côté,P.Du Souich(Montréal) 3ans - 3e vers.	Groupe	71,296	36
Poirier, G.G. Biologie Sherbrooke	Caractérisation du mode d'action des cancérigènes pancréatiques: Réparation de l'ADN et activité poly (ADP-ribose) polymérase * avec M.Paterson(Atomic Energy of Canada, Chalk River, Ont.) 2ans - 2e vers.	Groupe	48,760	36
Pond, G.S. Oceanography British Columbia	Horizontal structure and dynamics of low frequency velocity and density variations in the Strait of Georgia * with P.H.Leblond(British Columbia) 3yr - 1st Inst.	Group	49,210	37
Prescott, J.F. Vet. Micro./Immun. Guelph	Leptospiral abortion in cattle in Ontario * with R.B.Miller(Guelph) 3yr - 1st Inst.	Group	38,000	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Probert, R.L. Computer Science Ottawa	A communications protocol testing system & related software productivity aids * with T.Y.Cheung,L.Logrippo, S.I.Omar,J.Raymond(Ottawa) 3yr - 1st Inst.	Group	63,500	38
Puddephatt, R.J. Chemistry Western Ontario	Catalysis of the water gas shift reaction and Fischer-Tropsch synthesis using binuclear catalysis 3yr - 2nd Inst.	Individual	28,090	35
Quigley, R.M. Civil Engineering Western Ontario	Toxic leachate migration through clay: A field research study * with R.K.Rowe,J.L.Sullivan, A.Margaritis(Western Ontario) 3yr - 2nd Inst.	Group	40,492	36
Rabenstein, D.L. Chemistry Alberta	The chemistry of heavy metal toxicology 3yr - 2nd Inst.	Individual	37,630	36
Raeside, J.I. Bio-Med Eng. Guelph	Direct enzyme immunoassays in pregnancy diagnosis * with K.E.Leslie,D.Sandals, R.M.Friendship(Guelph) 3yr - 2nd Inst.	Group	21,200	39
Rahimtula, A. Biochemistry Memorial	Toxic and metabolic effects of crude and treated oils on birds, particularly seabirds * with W.Threlfall,P.O'Brien(Memorial), J.Payne(Fisheries and Oceans) 3yr - 3rd Inst.	Group	59,413	36
Reha-Krantz, L.J. Genetics Alberta	Developing and testing mutator DNA polymerases as useful reagents for in vitro mutagenesis 2yr - 2nd Inst.	Individual	33,390	41
Reid, D.M. Biology Calgary	Ethylene as an air pollutant: effects on productivity of some agricultural crops * with R.P.Pharis(Calgary) 3yr - 1st Inst.	Group	50,000	36
Reid, J. Eng. Physics McMaster	Laser investigations of tritium detection and isotope separation * with P.E.Jessop, B.K.Garside(McMaster) 3yr - 2nd Inst.	Group	37,259	35
Rempel, G.L. Chemical Eng. Waterloo	Development of hydrogenation catalysts 3yr - 3rd Inst.	Individual	36,373	35
Rennie, D.A. Soil Science Saskatchewan	Interrelated factors determining fertilizer N efficiency 3yr - 1st Inst.	Individual	90,000	39
Rimrott, F.P.J. Mechanical Eng. Toronto	Mechanical analysis of communications satellite systems and subsystems 3yr - 1st Inst.	Individual	39,480	38

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Robb, E.J. Botany & Genetics Guelph	Improved breeding of alfalfa for Verticillium resistance 2yr - 1st Inst.	Individual	20,000	39
Robillard, L. Génie civil Ecole Polytechnique	Effet des basses températures sur les systèmes de refroidissement utilisés dans les réseaux électriques * avec P.Vasseur(Ecole Polytechnique) 3ans - 1er vers.	Groupe	50,100	35
Robinson, C.W. Chemical Eng. Waterloo	Xylose-fermentation, immobilized-enzyme/yeast bioreactor * with M.Moo-Young(Waterloo) 3yr - 2nd Inst.	Group	40,439	41
Robinson, G.G.C. Botany Manitoba	An investigation of the ecological effects of triazine herbicides on littoral algal communities in fresh water 2yr - 1st Inst.	Individual	19,085	36
Robinson, G.G.C. Botany Manitoba	An investigation of the influence of chronic exposure of phytoplankton to copper and zinc 3yr - 1st Inst.	Individual	16,035	36
Roder, J. Micro/Immunology Queen's	The development of an efficient hybridoma process for the production of human monoclonal antibodies on an industrial scale 3yr - 2nd Inst.	Individual	63,600	41
Rosin, M.P. Pathology British Columbia	Genotoxic effect of concurrent exposures of mammalian cells to particulates (asbestos and coal dust) and carcinogenic N-nitroso compounds 2yr - 2nd Inst.	Individual	42,400	36
Roy, C. Génie chimique Sherbrooke	Saccharification de la biomasse par pyrolyse à pression réduite suivie d'une hydrolyse * avec H.Ménard,E.Chornet, B.L.P.Cayrol(Sherbrooke) 3ans - 3e vers.	Groupe	42,777	35
Roy, J.C. Chimie Laval	Etude de la radioactivité naturelle dans le fleuve St-Laurent et ses affluents 3ans - 3e vers.	Individuelle	8,318	35
Rubin, L.J. Chemical Eng. Toronto	The elimination of trans isomers in hydrogenated oils * with W.F.Graydon,L.L.Diosady(Toronto), B.F.Teasdale(Canaada Packers Inc.) 3yr - 3rd Inst.	Group	53,472	39
Rumin, N. Electrical Eng. McGill	Design and testing of VLSI circuits * with V.K.Agarwal, D.Avis,J.F.Hayes(McGill) 3yr - 1st Inst.	Group	78,960	38

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Russell, R.D. Geophys./Astron. British Columbia	Application of theory of geophysical measurement to the development of field instrumentation, with emphasis on information theory approaches * with T.Watanabe(U.B.C.) 3yr - 2nd Inst.	Group	54,060	40
Ryall, P.J.C. Geology Dalhousie	Investigations of mid-ocean ridges and polymetallic sulphide deposits using an electric rock core drill * with J.M.Hall, M.Zentilli(Dalhousie), J.M.Franklin(Energy, Mines & Res.) 2yr - 1st Inst.	Group	95,200	37
Safe, S.H. Chemistry Guelph	Chlorinated pesticides: Biologic and neonatal effects 3yr - 2nd Inst.	Individual	39,644	36
Salama, C.A.T. Electrical Eng. Toronto	VLSI design for signal processing applications 3yr - 2nd Inst.	Individual	64,660	38
Sarkar, B. Biochemistry Toronto	Nickel transport, accumulation, toxicity and excretion 2yr - 1st Inst.	Individual	49,849	36
Sasarman, A. Micro/immunologie Montréal	Biosynthèse de la vitamine B12: Effet du dosage génique et des mutations des voies connexes 2ans - 1er vers.	Individuelle	41,515	41
Savoie, L. Ctre rech. nutrition Laval	Méthode d'évaluation de l'impact des traitements technologiques sur la disponibilité des acides aminés des protéines alimentaires 3ans - 1er vers.	Individuelle	45,000	39
Savoie, L. Ctre rech. nutrition Laval	Lyophilisateur	Appareillage	17,119	39
Savoie, P. Génie agricole Laval	Les choix technologiques en récolte et conservation des fourrages 2ans - 1er vers.	Individuelle	25,000	39
Scheibling, R.E. Biology Dalhousie	Sea urchin disease: ecologic and economic implications * with K.H.Mann(Dalhousie) 3yr - 1st Inst.	Group	73,190	37
Schiefer, H.B. Veter. Pathol. Saskatchewan	Trichothecene mycotoxicosis: pathological, immunological, interactive and cellular studies * with B.R.Blakley, G.G.Khachatourians(Saskatchewan) 3yr - 1st Inst.	Group	140,000	36
Scott, D.S. Chemical Eng. Waterloo	Development of an atmospheric pressure flash pyrolysis process 2yr - 1st Inst.	Individual	70,000	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Scott, D.S. Chemical Eng. Waterloo	Components for preparative liquid chromatograph	Equipment	18,695	35
Scott, S.D. Geology Toronto	Young seamounts of the northeast Pacific Ocean * with R.L.Chase(British Columbia), T.J.Barrett(Toronto) 3yr - 1st Inst.	Group	132,850	37
Seabrook, W.D. Biology New Brunswick	Pheromone control of the blueberry leaf tier moth * with Z.Valenta(New Brunswick) 3yr - 1st Inst.	Group	50,000	39
Sealy, S.G. Zoology Manitoba	Dynamics of seabird use of the marine environment in coastal British Columbia 3yr - 3rd Inst.	Individual	12,655	37
Sefton, M.V. Chem Eng/App Chem Toronto	Microencapsulation of live animal cells * with A.M.Sun(Toronto) 3yr - 2nd Inst.	Group	37,683	41
Seguin, H.J.J. Electrical Eng. Alberta	High power CO2 laser development system	Equipment	49,000	40
Seguin, H.J.J. Electrical Eng. Alberta	Glow discharge stabilization with magnetic fields * with C.E.Capjack(Alberta) 3yr - 1st Inst.	Group	50,000	40
Selvadurai, A.P.S. Civil Engineering Carleton	Thermo-mechanical interactions in a container-buffer-rockmass system in a nuclear waste disposal vault during water uptake 3yr - 1st Inst.	Individual	65,000	35
Shafai, L. Electrical Eng. Manitoba	Antenna development for Canadian satellite applications * with E.Bridges,A.Ittipiboon(Manitoba) 3yr - 1st Inst.	Group	87,500	38
Sharaf, A.M. Electrical Eng. New Brunswick	Energy efficient motor drives for industrial applications * with C.D.Doraiswami,D.M.Luke, W.J.Smolinski(U.N.B.) 3yr - 2nd Inst.	Group	41,976	35
Shaykewich, C.F. Soil Science Manitoba	Facility for measuring soil erosion due to rainfall	Equipment	29,364	39
Shelford, J.A. Animal Science British Columbia	Effectiveness and utilization of different sources and types of fibre in dairy cattle rations 3yr - 3rd Inst.	Individual	29,707	39
Shields, D.H. Civil Engineering Manitoba	Determining properties of submarine permafrost for oil and gas exploration and development * with L.Domaschuk, C.S.Man(Manitoba) 3yr - 2nd Inst.	Group	70,596	37

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Sim, J.S. Poultry Science British Columbia	Continuous separation of lysozyme from egg white * with S.Nakai,K.V.Lo,D.B.Bragg(British Columbia) 3yr - 1st Inst.	Group	65,000	39
Simkin, D. Chemistry McGill	Development of tuneable ultraviolet lasers 3yr - 2nd Inst.	Individual	42,400	40
Simkin, D.J. Chemistry McGill	High speed data acquisition system	Equipment	50,000	40
Simpson, G.M. Crop Science Saskatchewan	Selection of drought resistant cereals by hormone analysis 3yr - 3rd Inst.	Individual	59,413	39
Skarsgard, H.M. Physics Saskatchewan	Fusion research with STOR-I and STOR-M * with A.Hirose(Sask.) 3yr - 3rd Inst.	Group	118,826	35
Smith, R.J.F. Biology Saskatchewan	Assay systems based on behavioural responses of fish to natural stimuli 3yr - 2nd Inst.	Individual	44,388	36
Smy, P.R. Electrical Eng. Alberta	Enhancement of flame and transport processes in pulsed plasma plugs 3yr - 1st Inst.	Individual	47,710	35
Snieckus, V.A. Chemistry Waterloo	Provision of new fungicides related to Vitavax 3yr - 2nd Inst.	Individual	29,680	39
Snieckus, V.A. Chemistry Waterloo	Toxic products of polycyclic aromatic hydrocarbons in the soil: Fungal metabolism and synthesis * with H.L.Holland(Brock) 2yr - 2nd Inst.	Group	26,913	36
Solomon, K.R. Environ. Biology Guelph	Method for evaluating the effects of pesticides in the aquatic ecosystem * with L.V.Edgington,F.L.McEwen, N.K.Kaushik,J.B.Robinson, G.R.Stephenson(Guelph) 3yr - 3rd Inst.	Group	154,474	36
Sorensen, T.S. Chemistry Calgary	A study of the chemical reactions occuring in the liquid products during thermal coking of bitumen 3yr - 2nd Inst.	Individual	19,080	35
Sorenson, P.G. Computer Science Saskatchewan	Computer - aided information system development workstations	Equipment	42,940	38
Sorenson, P.G. Computer Science Saskatchewan	Computer-aided information systems analysis and design * with J.P.Tremblay(Saskatchewan) 3yr - 1st Inst.	Group	46,600	38

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
South, G.R. Biology Memorial	Experimental assessment of urchin-algae-lobster interaction in relation to fishery development * with D.H.Steele(Memorial) 3yr - 3rd Inst.	Group	59,413	37
Souza Machado, V. Horticultural Sci. Guelph	Inter-relation of seed osmoconditioning and plant protection in onions * with L.V.Edgington, I.L.Nonnecke(Guelph) 3yr - 2nd Inst.	Group	31,800	39
Sprague, J.B. Zoology Guelph	Flux of cadmium through an arctic marine ecosystem 3yr - 2nd Inst.	Individual	27,761	37
Stangeby, P.C. Aerospace Studies Toronto	Tritium retention in fusion reactor materials * with A.A.Haasz,J.E.Robinson(Toronto) 3yr - 3rd Inst.	Group	89,120	35
Steenaart, W. Electrical Eng. Ottawa	Digital filter implementation for digital communication systems * with S.Cohn-Sfetcu(Bell Northern Research) 3yr - 3rd Inst.	Group	59,413	38
Stevenson, R.M.W. Microbiology Guelph	Development of a cloned IPNV vaccine and immunization strategy for brood stock fish * with P.Dobos(Guelph) 2yr - 1st Inst.	Group	32,000	41
Stillman, M.J. Chemistry Western Ontario	Interactions of cadmium and mercury with specific metal binding proteins; application of therapeutic agents in environmental toxicology * with M.G.Cherian,P.A.W.Dean(Western Ontario) 3yr - 1st Inst.	Group	70,000	36
Stobart, S.R. Chemistry Victoria	Synthetic lube oils. Facilitation of nucleophilic addition to polyaromatics by metal complexation 3yr - 3rd Inst.	Individual	54,066	35
Stoicheff, B.P. Physics Toronto	Lasers and quantum optics * with S.C.Wallace,G.A.Kenney-Wallace, H.M.Van Driel,A.D.May,J.E.Sipe, J.C.Polanyi(Toronto) 3yr - 1st Inst.	Group	300,000	40
Stokes, P.M. Botany Toronto	Benthic plant communities in acid lakes, fluxes of aluminum and benthic faunal interactions * with J.C.Van Loon, N.C.Collins(Toronto) 3yr - 3rd Inst.	Group	40,401	36

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Storms, R.K. Biology Concordia	Development of high expression plasmids for Saccharomyces cerevisiae * with M.B.Herrington(Concordia) 3yr - 1st Inst.	Group	28,060	41
Stott, M.J. Physics Queen's	Theoretical study of materials problems involving hydrogen in metals * with E.Zaremba(Queen's) 3yr - 2nd Inst.	Group	29,786	35
St-Pierre, L.E. Chemistry McGill	The development of specific polymer sorbents for removal of bilirubin from plasma * with G.R.Brown,W.C.Galley(McGill) 3yr - 1st Inst.	Group	40,000	40
St-Pierre, S.A. Physiol./pharm. Sherbrooke	Entérotoxines thermostables de coli d'origine animale * avec R.Lallier(Montréal) 3ans - 3e vers.	Groupe	59,413	39
Strausz, O.P. Chemistry Alberta	Organic geochemical studies of Canadian crude oils 3yr - 3rd Inst.	Individual	106,943	35
Strom-Olsen, J.O. Physics McGill	Equipment for hydrogen loading in metallic glasses	Equipment	19,445	35
Strom-Olsen, J.O. Physics McGill	Hydrogen storage in metallic glasses * with W.B.Muir, R.Harris(McGill) 2yr - 1st Inst.	Group	54,780	35
Summers, J.D. Animal/Poultry Sc. Guelph	Increasing the yield of edible protein through dietary means * with S.Leeson(Guelph)	Group	47,000	39
Sutton, J.C. Environ. Biology Guelph	Integrated disease management for improved productivity of winter wheat * with R.Hall, B.H.MacNeill,L.A.Hunt, T.J.Gillespie(Guelph) 3yr - 3rd Inst.	Group	71,296	39
Swatland, H.J. Animal/Poultry Sc. Guelph	Humane slaughter and meat quality of pigs 3yr - 2nd Inst.	Individual	15,900	39
Sykes, J.F. Civil Engineering Waterloo	Sea ice dynamics * with W.C.Lennox,T.E.Unny, D.E.Grierson(Waterloo) 3yr - 1st Inst.	Group	92,842	37
Sylvestre, M. Bactériologie Québec - IAF	Développement de souches bactériennes à haut degré de biodégradation des BPC, faisant appel aux techniques de fusions de protoplastes et croisements sous pression de sélection * avec R.Massé(Qué.-I.N.R.S.) 2ans - 2e vers.	Groupe	31,800	41

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Szarek, W.A. Chemistry Queen's	Development of a safe, effective, non-nutritive sweetening agent * with A.M.Kropinski, G.W.Hay(Queen's) 3yr - 2nd Inst.	Group	55,857	41
Tanaka, H. Civil Engineering Ottawa	Air infiltration of high-rise buildings for energy calculation * with Y.Lee(Ottawa) 3yr - 1st Inst.	Group	29,160	35
Tavares, S.E. Electrical Eng. Queen's	Fundamentals of security and protocols for computer-communication networks * with P.J.McLane,S.G.Akl,G.H.MacEwen, L.L.Campbell,P.D.Taylor(Queen's) 3yr - 3rd Inst.	Group	77,237	38
Tavenas, F. Génie civil Laval	Etude de la compressibilité et de la consolidation des argiles * avec S.Leroueil(Laval) 3ans - 3e vers.	Groupe	69,116	40
Taylor, K.E. Chemistry Windsor	Enzyme immobilization 3yr - 2nd Inst.	Individual	26,373	41
Thompson, J.E. Biology Waterloo	Assessment of crop resistance to chemical and environmental stress. 3yr - 2nd Inst.	Group	33,920	39
Thorpe, T.A. Biology Calgary	Forest improvement: Tissue culture propagation of conifers for reforestation * with D.I.Dunstan(Kelowna Nurseries) 3yr - 3rd Inst.	Group	47,530	41
Thorpe, T.A. Biology Calgary	Production of salt-tolerant plant strains in vitro * with D.M.Reid,E.C.T.Yeung(Calgary) 3yr - 2nd Inst.	Group	42,400	41
Thurtell, G. Land Resource Sc Guelph	Portable photosynthesis system	Equipment	15,222	39
Tidwell, T.T. Chemistry Toronto	Chemical characterization of wood conversion to liquid fuels * with D.G.B.Boocock(Toronto) 3yr - 2nd Inst.	Group	29,680	35
Timusk, T. Physics McMaster	Study of the propagation of thermal radiation through insulating materials 3yr - 2nd Inst.	Individual	13,780	35
Tlusty, J. Mechanical Eng. McMaster	Unmanned machining and robotics * with R.Kitai,N.Sinha(McMaster)	Group	72,000	40
Toguri, J.M. Metal/Mat. Science Toronto	Secondary recovery of aluminum * with H.W.Smith(Toronto) 3yr - 2nd Inst.	Group	56,180	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Tompa, F.W. Computer Science Waterloo	Data structuring for page-oriented database systems * with G.H.Gonnet,G.P.A.Larson, J.I.Munro(Waterloo) 3yr - 1st Inst.	Group	58,540	38
Trass, O. Chemical Eng. Toronto	Grinding and beneficiation of coal	Individual	45,740	35
Trass, O. Chemical Eng. Toronto	Coal and heavy oil processing in a grinder-reactor	Individual	39,760	35
Tsezos, M. Chemical Eng. McMaster	Sorption of radium-226 from uranium mining/milling waste streams on biological adsorbents * with M.H.I.Baird, L.W.Shemilt(McMaster) 2yr - 2nd Inst.	Group	31,270	41
Tsichritzis, D. Computer Science Toronto	Message management systems * with F.H.Lochovsky, A.O.Mendelzon(Toronto) 3yr - 3rd Inst.	Group	86,743	38
Tulip, J. Electrical Eng. Alberta	Laser neurosurgery * with J.McKean(University of Alberta Hospital) 2yr - 2nd Inst.	Group	42,400	40
Tung, M.A. Food Science British Columbia	Thermophysical studies for improved food processes 3yr - 2nd Inst.	Individual	40,280	39
Tunnicliffe, V.J. Biology Victoria	Environmental controls on deep water community development 2yr - 2nd Inst.	Individual	18,232	37
Turkington, R. Botany British Columbia	Managing grass-legume mixtures for improved productivity * with F.B.Holl(British Columbia) 3yr - 1st Inst.	Group	60,000	39
Unger, B.W. Computer Science Calgary	An environment for the development of distributed software * with others 3yr - 2nd Inst.	Group	155,145	38
Valade, J.L. Pâtes et papiers Qué.-Trois-Riv.	Valorisation des feuillus * avec B.V.Kokta,Z.Koran,M.Lapointe, S.N.Lo,K.N.Law(Qué.-Trois-Rivières) 3ans - 2e vers.	Groupe	143,100	40
Veizer, J. Geology Ottawa	Geologic buffering of the global carbon cycle * with P.Fritz(Waterloo), B.Jones(Alberta) 3yr - 3rd Inst.	Group	8,690	37
Venart, J.E.S. Mechanical Eng. New Brunswick	Pressure liquified fuel tank thermal response * with A.C.Mendes De Sousa, F.R.Steward(New Brunswick) 3yr - 1st Inst.	Group	50,690	35

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Venart, J.E.S. Mechanical Eng. New Brunswick	Bivalent heat pumps with storage; I agricultural applications to greenhouse heating * with A.C.Mendes de Sousa(N.B.) 3yr - 3rd Inst.	Group	52,818	35
Venetsanopoulos, A. Electrical Eng. Toronto	Multidimensional techniques in geophysics 3yr - 1st Inst.	Individual	42,900	35
Venetsanopoulos, A. Electrical Eng. Toronto	Multiple access in satellite networks * with M.Molle, K.C.Sevcik(Toronto) 3yr - 3rd Inst.	Group	35,933	38
Venter, R.D. Mechanical Eng. Toronto	Engineering development of a Canadian fuel cell technology * with D.McCammond,D.S.Scott, C.A.Ward,M.J.Dignam(Toronto), A.B.P.Lever(York) 3yr - 3rd Inst.	Group	249,535	35
Verma, D.P.S. Biology McGill	Crop improvement through genetic manipulation of plants for their ability to develop an association with nitrogen fixing microorganisms 3yr - 1st Inst.	Individual	60,000	39
Verma, D.P.S. Biology McGill	Infectivity genes of Rhizobium and their relationship with other phytopathogenic bacteria * with A.H.Bussey,M.Dubow, G.G.Brown(McGill) 3yr - 2nd Inst.	Group	71,232	41
Viswanatha, T. Chemistry Waterloo	B-lactamase inhibitors: A strategy for countering penicillin resistance * with G.I.Dmitrienko(Waterloo) 3yr - 2nd Inst.	Group	52,629	41
Von Borstel, R.C. Genetics Alberta	Molecular basis of mutagen action 3yr - 1st Inst.	Individual	90,000	36
Walker, R.G. Geology McMaster	Reservoir geometry and prediction of shallow marine sandstones, Alberta 3yr - 1st Inst.	Individual	58,480	35
Walsh, D. Physics McGill	Photovoltaic solar cell * with G.Donnay(McGill) 3yr - 3rd Inst.	Group	47,530	35
Walsh, J. Eng./Applied Sci. Memorial	Research on high frequency radars for detection of sea ice * with K.A.Butt(C-CORE), W.Winsor(C-CORE), B.P.Sinha(Memorial) 3yr - 2nd Inst.	Group	89,942	37
Walton, P.D. Plant Science Alberta	Interspecific hybridization in forage grasses 3yr - 2nd Inst.	Individual	26,500	39

1.4 Strategic Grants (continued)/Subventions thématiques (suite)

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Wangersky, P.J. Oceanography Dalhousie	The sources, nature, and size distribution of particles in the ocean 3yr - 1st Inst.	Individual	91,580	37
Wangersky, P.J. Oceanography Dalhousie	Portable digital CSTD with O2 and pH probes; Components for in situ scatter meter	Equipment	47,466	37
Ward, M.A. Civil Engineering Calgary	Increasing the use of fly ash in construction * with R.L.Day, R.C.Joshi,B.W.Langan(Calgary) 3yr - 1st Inst.	Group	150,440	35
Watson, A.K. Plant Science Macdonald Coll.	Biological herbicides * with B.Volesky(McGill),E.S.Idz‘ak, R.D.Reeleder(Macdonald) 3yr - 1st Inst.	Group	60,000	41
Webb, D.T. Biology Queen's	Clonal propagation of blister rust resistant Eastern White Pine 3yr - 1st Inst.	Individual	52,000	41
Webb, D.T. Biology Queen's	Research compound microscope for photomicrography	Equipment	12,851	41
Weinberg, F. Metallurgical Eng. British Columbia	Semiconductor crystal growing apparatus with cutting, polishing and ancillary equipment	Equipment	50,000	40
Weinberg, F. Metallurgical Eng. British Columbia	The growth of crystals for the electronic industry * with I.V.Samarasekera(British Columbia) 3yr - 1st Inst.	Group	49,000	40
Weinberger, P. Biology Ottawa	Effect of rhizosphere pH on release of bound herbicides and pesticides 2yr - 2nd Inst.	Individual	16,006	36
Wells, D.E. Surveying Eng New Brunswick	Marine geodesy * with P.Vanicek(N.B.) 3yr - 3rd Inst.	Group	92,684	37
Wertheimer, M.R. Génie-physique Ecole Polytechnique	Appareillage pour recherches sur le silicium amorphe, a-Si:H	Appareillage	66,039	35
Wertheimer, M.R. Génie-physique Ecole Polytechnique	Piles photovoltaïques à base de silicium amorphe (a - Si:H) * avec autres 3ans - 2e vers.	Groupe	195,761	35
West, G.F. Physics Toronto	Seismic tomography 3yr - 1st Inst.	Individual	62,400	35
White, M.A. Chemistry Dalhousie	Solid-solid phase transition materials for thermal energy storage 2yr - 1st Inst.	Individual	16,800	35

Name/Nom Department/Département University/Université	Title/Titre	Type/Genre	$	Panel Comité
Wiebe, J.P. Zoology Western Ontario	Effects of lead on testicular endocrinology in the developing male 2yr - 2nd Inst.	Individual	40,704	36
Williams, H. Earth Sciences Memorial	Geophysical compilation maps of the Atlantic margin of North America 3yr - 3rd Inst.	Individual	48,719	37
Wojciechowski, B.W. Chemical Eng. Queen's	Fischer tropsch and related syntheses * with R.W.Smith(Queen's) 3yr - 3rd Inst.	Group	52,283	35
Wolfe, S. Chemistry Queen's	Microbiological syntheses of novel beta-lactam compounds * with D.W.S.Westlake, S.E.Jensen(Alberta) 2yr - 1st Inst.	Group	87,240	41
Wood, C.M. Biology McMaster	Physiological studies on the toxicity of environmental acid to freshwater fish, amphibians and crustaceans * with D.G.McDonald(McMaster) 3yr - 3rd Inst.	Group	59,413	36
Wood, J.M. Chemistry & Biochem Guelph	Microbial metabolite excretion: The role of membrane permeability in proline excretion by Escherichia coli and Saccharomyces cerevisiae 3yr - 1st Inst.	Individual	25,025	41
Woodside, C.M. Sys. & Comp. Eng. Carleton	Modelling and optimization of hardware/software tradeoffs for communications protocols 3yr - 2nd Inst.	Individual	26,818	38
Wynnyckyj, J.R. Chemical Eng. Waterloo	Energy economy in packed-bed, shaft type, reactors * with T.Z.Fahidy,R.R.Hudgins(Waterloo) 3yr - 2nd Inst.	Group	60,950	35
Yamazaki, H. Biochemistry Carleton	Development of film reactors applicable to ethanol production 3yr - 2nd Inst.	Group	33,920	41
Young, L.G. Animal/Poultry Sc. Guelph	Nutrition and management of gilts for reproduction * with G.J.King(Guelph) 3yr - 1st Inst.	Group	50,000	39

1.5 E.W.R. Steacie Memorial Fellowships/Bourses commémoratives E.W.R. Steacie

Name/Nom Department/Département University/Université	Field of Research/ Domaine de recherche	Year of Award/ Année de l'octroi
Arthur, J.G. Mathematics Toronto	Automorphic forms	1982-83
Beaumont, C. Oceanography Dalhousie	Solid earth geophysics	1981-82
Feher, K. Electrical Engineering Ottawa	Telecommunications	1983-84
Heath, M.C. Botany Toronto	Physiological plant pathology	1982-83
James, N.P. Geology Memorial	Deposition of carbonates	1983-84
Kenney-Wallace, G.A. Chemistry Toronto	Dynamics of molecules	1983-84
Ogilvie, K.K. Chemistry McGill	Chemistry of DNA and RNA molecules	1982-83
Pelton, A.D. Génie métallurgique Ecole Polytechnique	Thermodynamics	1981-82
Rossant, J. Biological Sciences Brock	Developmental biology	1983-84
Tobe, S.S. Zoology Toronto	Biosynthesis and metabolism of insect hormones	1982-83
Verma, D.P.S. Biology McGill	Molecular biology	1981-82
Vidyasagar, M. Electrical Engineering Waterloo	System theory	1981-82

2. RESEARCH INFRASTRUCTURE GRANTS

2. SUBVENTIONS D'INFRASTRUCTURE DE LA RECHERCHE

2.1 Equipment Grants/Subventions d'appareillage

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Adoul, J.P. Génie électrique Sherbrooke	Micro-ordinateur local pour processeur graphique interactif * avec D.Dalle(Sherbrooke)	8,562	11
Adoul, J.P. Génie électrique Sherbrooke	Ensemble de saisie et de prétraitement d'images stéréoscopiques * avec S.Richard(Sherbrooke)	35,856	11
Aitken, G.J.M. Electrical Eng. Queen's	Thermoplastic real-time camera	16,590	11
Anderson, G.H. Nutritional Sci. Toronto	Ultracentrifuge with two rotors * with C.E.Leprohon,D.J.A.Jenkins(Toronto)	44,971	01
Andrews, D.F. Medicine Toronto	Statistical computing laboratory * with P.N.J.Corey(Toronto)	15,000	14
Antoun, H. Sols Laval	Stérilisateur à vapeur * avec S.A.Visser(Laval)	23,000	02
Archibald, J.F. Mining Eng. Queen's	Cold environment laboratory * with J.H.Nantel, J.A.Meech(Queen's)	30,000	04
Arnold, D.R. Chemistry Dalhousie	GC/MS system	86,866	05
Arp, P.A. Forest Resources New Brunswick	Automatic titration system	15,290	03
Ashwood-Smith, M.J. Biology Victoria	High performance liquid chromatographic (HPLC) facility * with R.D.Burke(Victoria)	25,000	02
Atwater, J.W. Civil Engineering British Columbia	Autosampler, FID detector and purge and trap sampler as an add on to existing gas chromatograph * with W.K.Oldham,K.J.F.Hall(UBC)	14,372	06
Atwood, H.L. Physiology Toronto	Magnetic tape recorder for data acquisition	14,216	02
Avis, D. Computer Science McGill	Disk drive * with N.H.Madhavji, C.C.Paige(McGill)	13,254	07
Bader, R.F.W. Chemistry McMaster	300 MB disc drive	19,500	05
Baerlocher, F.J. Biology Mount Allison	Stereo microscope with camera	9,000	18
Bain, J.F. Plant Science Macdonald Coll.	UV/Visible scanning spectrophotometer * with J.F.Peterson,C.Chong,W.F.Grant(Macd.Coll.)	21,455	18

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Baird, M.C. Chemistry Queen's	Inert atmosphere glove box	36,350	05
Bakhshi, N.N. Chemical Eng. Saskatchewan	GC-System to analyse reaction products from syn-gas fed tube-wall reactor	39,175	04
Baliga, B.R. Mechanical Eng. McGill	Programmable data acquisition and control system	11,130	13
Ball, G.E. Entomology Alberta	Truck with living unit attached	22,550	18
Ballik, E.A. Eng. Physics McMaster	Transient waveform digitizer	48,090	11
Barbery, G.A. Mines & métallurgie Laval	Spectrophotomètre UV-visible * avec E.Ghali(Laval)	41,975	04
Base, T.E. Mechanical Eng. Western Ontario	Laser velocimetry system * with R.E.Baddour, M.A.Bergougnou,I.I.Inculet,A.Margaritis, J.D.Tarasuk(UWO)	30,475	13
Bauer, G.E. Civil Engineering Carleton	Multi-purpose shallow depth exploration drill	23,933	06
Beatty, J.C. Computer Science Waterloo	Interactive computer graphics * with R.H.Bartels,K.S.Booth,D.E.Field(Waterloo)	86,114	07
Béland, B. Génie électrique Sherbrooke	Salle d'essais sur les incendies	10,800	11
Bell, R. Mech. & Aeronaut. Carleton	Fatigue crack growth monitoring equipment * with J.Kirkhope(Carleton)	29,320	13
Belloncik, S. Ctre. Rech.-Virol. Québec - IAF	Ensemble de rotors pour ultracentrifugeuse * avec M.Trudel,L.Berthiaume,J.P.Descôteaux(IAF)	14,716	01
Bergeron, J.M. Biologie Sherbrooke	Véhicule tout terrain	10,349	18
Bergougnou, M.A. Chemical Eng. Western Ontario	Dedicated equipment for the instrumentation of a large fluidization column simulator	32,678	04
Bertrand, H. Biology Regina	High speed refrigerated centrifuge	17,000	02
Beswick, A.E. Geology Laurentian	Upgrading of memory and storage capacities for minicomputer * with P.Copper,J.F.Davies, D.G.F.Long,R.S.James,D.H.Rousell, R.E.Whitehead(Laurentian)	19,946	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Bettany, J.R. Soil Science Saskatchewan	Ion chromatograph	45,996	03
Betteridge, K.J. Médecine vét. Montréal	B-scan ultrasonic echograph * avec M.Marcoux, P.Guay(de Montréal)	23,250	01
Bewley, J.D. Biology Calgary	Rotors for ultracentrifuge	24,032	03
Birss, V.I. Chemistry Calgary	Solartron 1250 frequency response analyzer	24,244	05
Blake, R.W. Zoology British Columbia	Digital storage oscilloscope	33,275	01
Bland, B.H. Psychology Calgary	LSI-11C-23 laboratory computing system	36,157	12
Blenkinsop, J. Geology Carleton	Addition of options to solid-source mass spectrometer * with K.Bell(Carleton)	23,270	10
Boag, P.T. Biology Queen's	Digital sonagraph and sound recording equipment * with R.D.Montgomerie(Queen's)	24,023	18
Bock, E. Chemistry Manitoba	NMR probes for double resonance experiments	21,496	05
Bogart, J.P. Zoology Guelph	Ultra-cold freezer for tissue storage	7,000	01
Bohme, D.K. Chemistry York	New components for SIFT and TAFA studies of ion reactions with compounds of higher molecular weight and lower vapour pressure	7,748	05
Bols, N.C. Biology Waterloo	Inverted phase microscope with accessories * with C.A.Peterson,W.D.Taylor(Waterloo)	12,750	02
Bonn, F.J. Géographie Sherbrooke	Numérisateur d'images et de cartes pour le système d'analyse d'images numériques * avec J.M.M.Dubois,Q.H.J.Gwyn,A.Royer,D.R.Morin, J.P.Adoul,S.Richard(Sherbrooke)	52,140	10
Boutilier, R.G. Zoology British Columbia	Microelectrode implantation and recording apparatus	33,000	01
Boutin, N. Génie électrique Sherbrooke	Générateur ajustable de signaux modulés en amplitude et/ou en phase * avec S.Morissette(Sherbrooke)	26,084	11
Boutin, S.A. Zoology Guelph	Wildlife radio telemetry equipment	17,274	18

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Brebner, J.L. Physique Montréal	Remplacement de la tête de laser à excimère	14,606	15
Brézina, M. Génie mécanique Sherbrooke	Capteur de force et accessoires * avec P.Bourassa(Sherbrooke)	7,425	13
Bridges, E. Electrical Eng. Manitoba	Millimeter-wave six-port network analyzer system * with L.Shafai,A.Ittipiboon(Manitoba)	14,011	11
Brown, G.G. Biology McGill	Ultracentrifuge and one rotor * with A.H.Bussey,R.S.Dhindsa,S.P.Gibbs, C.Sapienza(McGill)	46,000	02
Bruton, L.T. Electrical Eng. Victoria	Research computer for real-time signal processing and simulation * with A.Antoniou(Victoria)	69,235	11
Bryden, M.P. Psychology Waterloo	Laboratory computer system * with P.M.Merikle, D.L.Wahlsten(Waterloo)	25,637	12
Buckley, J.T. Biochem./Microbiol. Victoria	Surface barostat	25,000	02
Burkowski, F.J. Computer Science Waterloo	Computer aided design system * with J.D.Dyment, M.A.Malcolm,N.S.Ostlund(Waterloo)	93,094	07
Burton, D.N. Microbiology Manitoba	High performance liquid chromatography system * with P.C.Loewen,I.Suzuki,P.Y.Maeba(Manitoba)	25,000	02
Bustin, R.M. Geological Sciences British Columbia	Computerized data acquisition and analysis equipment	22,000	10
Byerley, J.J. Chemical Eng. Waterloo	Ion chromatograph * with G.L.Rempel, G.F.Atkinson(Waterloo)	29,258	04
Cahoon, J.R. Mechanical Eng. Manitoba	Research metallograph * with K.Tangri, M.Chaturvedi,M.N.Bassim(Manitoba)	24,153	04
Cain, D.P. Psychology Western Ontario	Single neuron recording laboratory for kindling	24,707	12
Camiré, C. Pédologie/écologie Laval	Flow injection analyser * avec B.Bernier(Laval)	28,320	03
Campanella, R.G. Civil Engineering British Columbia	Continuous soil sampler system with X-ray logging * with P.K.Robertson(UBC)	44,614	06
Campbell, J.L. Physics Guelph	Lithium-drifted silicon energy-dispersive X-ray spectrometers	21,505	15

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Card, H.C. Electrical Eng. Manitoba	Surface profiling system * with K.C.Kao(Manitoba)	28,310	11
Cardinal, A. Biologie Laval	Microscope de recherche à contraste de phase et à épifluorescence	22,209	18
Carignan, R. INRS-Eau Québec - INRS	Spectromètre alpha * avec J.R.Kramer, M.Ouellet(INRS)	28,705	18
Carlone, C. Physique Sherbrooke	Spectromètre, source et détection ultraviolet	56,434	15
Cartledge, J.C. Electrical Eng. Queen's	Instrumentation for fiber optic transmission, microprocessor design and VLSI * with H.T.Mouftah(Queen's)	50,894	11
Carty, A.J. Chemistry Waterloo	Infrared spectrometer * with G.I.Dmitrienko, P.T.Ho,D.A.Holden,D.Mackay,G.L.Rempel,A.Rudin, R.G.A.Rodrigo,J.G.Smith,V.A.Snieckus,M.F.Tchir, T.Viswanatha(Waterloo)	30,400	05
Cass, D.D. Botany Alberta	Ultracut "E" ultramicrotome and cryo-ultramicrotomy accessories	25,463	03
Cavey, M.J. Biology Calgary	Equipment for quantitative biological microanalysis * with B.R.McMahon(Calgary)	45,810	02
Chakrabarti, C.L. Chemistry Carleton	Zeeman atomic absorption spectrophotometer * with B.R.Hollebone,D.C.Wigfield(Carleton)	120,125	05
Chamberlain, S.G. Electrical Eng. Waterloo	Mask aligner for the silicon devices and integrated circuits laboratory * with E.L.Heasell,D.J.Roulston,M.I.Elmasry(Waterloo)	90,568	11
Chang, E.J.H. Computer Science Victoria	PDP-11/44 to VAX-11/750 upgrade * with M.R.Levy,R.N.S.Horspool,F.Ruskey, D.L.Parnas(Victoria)	125,000	07
Charette, A. Sc. appliquées Québec-Chicoutimi	Banc d'essai pour mesures thermogravimétriques sur des électrodes de carbone * avec R.T.Bui(UQAC)	30,501	04
Chatt, A. Chemistry Dalhousie	High-resolution gamma-and alpha-ray spectrometry system * with D.E.Ryan(Dalhousie)	124,877	05
Chatzis, I. Chemical Eng. Waterloo	Gas chromatograph * with F.A.L.Dullien, I.F.Macdonald(Waterloo)	18,477	04
Cherchas, D.B. Mechanical Eng. British Columbia	Minicomputer for existing research facilities in computer aided manufacturing, wood cutting research, alternate fuels experimentation and aerodynamics research * with J.P.Duncan, F.Sassani,S.G.Hutton,R.L.Evans,I.S.Gartshore, V.J.Modi,G.V.Parkinson(UBC)	117,068	13

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Childs, R.F. Chemistry McMaster	Low temperature dribox * with C.J.L.Lock, M.J.McGlinchey(McMaster)	43,164	05
Chin, J.B. Chemistry McGill	Stopped flow UV spectrophotometer (from dionex)	32,700	05
Chin, S.L. Physique Laval	One cryogenic pump	14,200	15
Choplin, L. Génie chimique Laval	Capteur 10g-cm pour option "fluids" d'un rhéomètre * avec A.LeDuy(Laval)	17,300	04
Chornet, E. Génie chimique Sherbrooke	Construction d'un réacteur à jet et instrumentation pour l'acquisition rapide de données expérimentales	53,568	04
Church, M.A. Geography British Columbia	Field oriented high speed data acquisition system * with D.G.Steyn(UBC)	22,500	10
Clive, D.L.J. Chemistry Alberta	Capillary gas chromatograph * with J.C.Vederas(Alberta)	23,032	05
Cochrane, R.W. Physique Montréal	Système a pulvérisation cathodique * avec J.L.Brebner,J.Destry(Montréal),W.B.Muir, J.O.Strom-Olsen(McGill)	108,547	15
Cocivera, M. Chemistry Guelph	Equipment to study physical and electrochemical properties of semiconductors	34,202	05
Cole, K.M. Botany British Columbia	High vacuum coating plant for electron microscopy * with M.W.Hawkes,J.W.D.Garbary, L.A.F.Oliveira,F.J.R.Taylor,P.J.Harrison, G.G.E.Scudder,A.M.Perks,J.M.Gosline, J.E.Phillips(UBC)	27,140	03
Conway, B.E. Chemistry Ottawa	Fourier transform infrared spectrometer * with B.A.Morrow(Ottawa)	101,500	05
Cooper, D.G. Chemical Eng. McGill	Gas chromatograph	22,942	04
Crim, L.W. Mar. Sc. Res. Lab Memorial	Auto gamma radiation measurement system * with D.R.Idler,G.L.Fletcher(Memorial)	33,000	01
Crossley, D.J. Mining/Metal. Eng. McGill	Geophysical data analysis facility * with O.G.Jensen(McGill)	89,197	10
Curran, J.H. Civil Engineering Toronto	High performance graphics workstation	29,708	06
Cushley, R.J. Chemistry Simon Fraser	Data station for NMR studies of membranes	55,525	02

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Cwynar, L. Botany Toronto	Research microscopes	18,915	18
Daneman, M. Psychology Toronto	Equipment for tracking, filming, and recording eye movements * with M.Moscovitch, F.I.M.Craik(Toronto)	19,727	12
Davey, K.G. Biology York	Scintillation counter with spectraview display * with B.G.Loughton,C.G.H.Steel,R.A.Webb, A.S.M.Saleuddin(York)	27,625	01
Dengler, N.G. Botany Toronto	Orthoplan research microscope	25,634	03
Dennis, D.T. Biology Queen's	Pharmacia fast protein liquid chromatograph (FPLC)	20,888	03
Derenyi, E.E. Surveying Eng New Brunswick	Image analysis system components * with S.E.Masry,R.W.Wein(UNB)	40,600	06
Desjardins, R. Génie civil Ecole Polytechnique	Analyseur d'ions * avec C.E.Delisle, R.Labonté(Ecole Poly.)	24,500	06
Detellier, C. Chimie Ottawa	Simulateur du spectre solaire * avec J.M.J.Fréchet(Ottawa)	11,718	05
Dhatt, G. Génie civil Laval	Outils informatiques: un micro-processeur à 32 bits et un écran graphique	59,372	06
Dick, T.A. Zoology Manitoba	Refrigerated centrifuge * with J.G.Eales(Manitoba)	28,419	01
Dickson, J.I. Génie métall. Ecole Polytechnique	Appareillage d'émission acoustique * avec J.P.B.Bailon(Ecole Poly.)	8,250	04
Dion, J.L. Ingénierie Qué.-Trois-Riv.	Système de traitement d'image * avec A.Jacob(UQTR)	26,868	11
Dmitrienko, G.I. Chemistry Waterloo	Ultraviolet/visible spectrophotometer * with P.T.Ho,D.A.Holden,R.G.A.Rodrigo,J.G.Smith, V.A.Snieckus,D.Mackay(Waterloo)	25,732	05
Dokainish, M. Mechanical Eng. McMaster	Micro computer system	31,308	13
Donnay, G. Geological Sciences McGill	Updating of our obsolete automated X-ray diffractometer	43,818	10
Doraiswami, R. Electrical Eng. New Brunswick	Multiprocessor multirate control system * with R.Balasubramanian,M.E.Kaye(UNB)	27,308	11

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Dore, F.Y. Psychologie Laval	Système vidéoscopique	4,500	12
Drake, J.L. Chemistry Windsor	Raman spectrometer * with D.W.Stephan,D.G.Tuck, R.C.Rumfeldt(Windsor)	120,000	05
Drapeau, G. INRS-Océanolog. Québec - INRS	Courantomètre électromagnétique avec mémoire interne	9,619	10
Droste, R.L. Civil Engineering Ottawa	Gas chromatograph	42,153	06
Druez, J.A. Sc. appliquées Québec-Chicoutimi	Amplificateur-conditionneur de signal modulaire à 4 canaux pour capteurs (jauges et transducteurs) * avec P.McComber(UQAC)	12,235	13
Drummond, J.R. Physics Toronto	University of Toronto Balloon Radiometer	31,200	17
Duley, W.W. Physics York	Ring dye laser system	72,285	17
Dumbroff, E.B. Biology Waterloo	Portable steady state porometer	8,134	03
Dutton, G.G.S. Chemistry British Columbia	Capillary column gas chromatograph	37,100	05
Egelstaff, P.A. Physics Guelph	Detectors and source for gamma-ray diffractometer	40,171	15
Egerton, R.F. Physics Alberta	High-resolution electron energy-loss spectrometer * with S.E.Wanke, S.K.Malhotra(Alberta)	56,247	15
Eigenbrod, K.D. Civil Engineering Lakehead	3xtotal pressure cells, 3xsenso tech type pore pressure cells, 1xpolycorder, 1xbiaxial slope indicator and readout * with G.Locker, T.Kwasniewski(Lakehead)	24,900	06
Ellis, R.M. Geophys./Astron. British Columbia	Portable seismic data acquisition systems (2) * with R.M.Clowes(UBC)	25,174	10
Elmaraghy, H.A. Mechanical Eng. McMaster	A mini-computer and peripherals * with W.R.Newcombe(McMaster)	84,932	13
Erb, U. Metallurgical Eng. Queen's	Energy dispersive X-ray spectrometer * with J.T.N.Atkinson,C.A.Pickles,R.W.Smith, M.Sayer(Queen's)	55,750	04
Evans, R.D. Environmental Stud. Trent	Flameless atomic absorption spectrophotometer with data acquisition system * with D.C.Lasenby(Trent)	34,724	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Ferguson, G. Chemistry Guelph	Equipment to update an X-ray diffractometer system * with E.C.Alyea,H.C.Clark, R.McCrindle(Guelph)	55,000	05
Fernando, M.A. Pathology Guelph	Automatic ultramicrotome * with J.R.Geraci, D.H.Percy,T.J.Hulland,H.W.Ferguson(Guelph)	24,725	01
Fiset, M. Mines & métallurgie Laval	Appareils à courant de Foucault par balayage en fréquences * avec E.Ghali(Laval)	40,300	04
Fletcher, G.L. Mar. Sc. Res. Lab Memorial	Ultracentrifuge rotors * with D.R.Idler, J.B.Truscott(Memorial)	19,943	01
Florian, M. Ctr rech. transports Montréal	Upgrade of the microcomputer * avec J.M.Rousseau(Montréal)	14,900	20
Florian, M.A. Ctr rech. transports Montréal	Colour graphic terminal * avec G.Lapalme, S.Nguyen,J.M.Rousseau(Montréal)	39,460	20
Ford, D.C. Geography McMaster	Multichannel analyser with multi-plexer router and alpha spectrometers - for U-series analyses * with H.P.Schwarcz(McMaster)	26,463	10
Forer, A. Biology York	Video system for light microscopy	8,250	02
Forsberg, C.W. Microbiology Guelph	High pressure liquid chromatograph * with T.J.Beveridge,L.N.Gibbins,R.Y.C.Lo, R.M.W.Stevenson(Guelph)	25,000	02
Fortin, E. Physique Ottawa	Digital data acquisition system * avec M.A.R.Leblanc,P.Bernard(Ottawa)	39,207	15
Fortin, M. Mathématiques Laval	Terminaux d'ordinateur * avec R.Pierre(Laval)	18,732	16
Fournier, M. Sciences biolog. Québec-Montréal	Centrifugation, microscopie, compteur cellulaire * avec K.Krystyniak(UQAM)	13,000	01
Fowke, L.C. Biology Saskatchewan	Spectrophotometer and rapid sampler * with J.King,H.E.Gruen(Sask.)	21,000	02
Franck, J.P. Physics Alberta	Diamond anvil high pressure cell installation	44,315	15
Franklin, K.B.J. Psychology McGill	High-performance liquid chromatography system and support apparatus * with R.Melzack, N.M.White,A.M.Robertson(McGill)	20,181	12
Frape, S.K. Earth Sciences Waterloo	Variable temperature-pressure rock-water interaction cell * with M.B.Dusseault, P.Fritz(Waterloo)	19,635	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Frechet, J.M.J. Chemistry Ottawa	Thermal analysis system	27,200	05
Fritz, P. Earth Sciences Waterloo	Liquid scintillation counter * with A.V.Morgan, P.F.Karrow,S.K.Frape,J.F.Barker, M.A.Morgan(Waterloo)	85,515	10
Fyles, T.M. Chemistry Victoria	Pulse programmer * with R.H.Mitchell(Victoria)	9,455	05
Gagne, J.M. Génie-physique Ecole Polytechnique	Signamètre * avec G.Perrault(Montréal)	14,000	15
Galef, B.G. Psychology McMaster	Closed circuit television	8,699	12
Gartshore, I.S. Mechanical Eng. British Columbia	Pulsed wire anemometer with control unit and ancillary equipment	16,211	13
Gauvreau, D. INRS-Santé Québec - INRS	Système de microscopie inversée et système de microphotographie * avec S.Cooper,R.Massé, D.Riendeau(INRS)	15,831	02
Gehr, R. Civil Engineering McGill	Gel permeation liquid chromatograph	52,220	06
Georganas, N. Electrical Eng. Ottawa	Multipurpose microprocessor development system * with D.T.Gibbons,S.S.Stuchly,A.Smith, K.W.Chiang,M.Goldberg,W.Steenaart, M.Krieger(Ottawa)	78,268	11
Ghali, E. Mines & métallurgie Laval	Appareil de traction à taux de déformation constante * avec J.F.A.Galibois, M.R.Krishnadev(Laval)	10,028	04
Gibbins, A.M. Biomed Sciences Guelph	High performance UV VIS spectrophotometer * with J.I.Raeside,M.H.Fallding,G.A.Robinson, M.T.Goldberg,H.J.Boermans(Guelph)	38,000	02
Gingras, G. Biochimie Montréal	Spectrophotomètre enregistreur * avec T.Mar(Montréal)	48,000	02
Godin, C. Biochimie Laval	High performance liquid chromatography system * avec J.Lapointe,M.Lavoie,P.H.Roy(Laval)	25,000	02
Gordon, R. Biology Memorial	Inverted microscope with photographic attachment	10,988	01
Gosline, J.M. Zoology British Columbia	Microscope-based laser light scattering apparatus	23,846	02
Gough, T.E. Chemistry Waterloo	R.F. generator and amplifiers for IR RF molecular beam double resonance experiments	34,368	05

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Govind, C.K. Zoology Toronto	Microtome cryostat	9,363	01
Grace, J.R. Chemical Eng. British Columbia	Ultra-violet and instrumentation tape recorders * with C.J.Lim(UBC)	40,962	04
Graham, W.A.G. Chemistry Alberta	Gas chromatograph	18,287	05
Gray, C.G. Physics Guelph	Memory upgrade for the array processor * with P.A.Egelstaff,S.Goldman,F.R.Hallett,J.Law, B.G.Nickel,J.D.Poll,W.R.Smith,A.K.Soper, D.E.Sullivan(Guelph),J.Leech(Waterloo)	57,570	15
Green, B.R. Botany British Columbia	Fluorescence induction kinetics apparatus	9,700	03
Greeniaus, L.G. Physics Alberta	Computer peripherals * with R.Abegg, J.M.Cameron,W.K.Dawson,D.A.Hutcheon,P.Kitching, W.J.McDonald,C.A.Miller,G.A.Moss,G.C.Neilson, W.C.Olsen,G.Roy,D.M.Sheppard,H.S.Sherif, G.M.Stinson(Alberta)	23,000	22
Griffiths, A.J.F. Botany British Columbia	Preparative ultracentrifuge and one rotor * with J.C.McPherson(UBC)	46,000	02
Grigliatti, T.A. Zoology British Columbia	Transformation equipment	20,142	02
Gruzleski, J.E. Mining/Metal. Eng. McGill	Induction furnace unit * with R.I.L.Guthrie, S.A.Argyropoulos,R.Harris,F.Mucciardi(McGill)	61,076	04
Guderley, H. Biology Laval	Scintillation counter * with D.Pallotta, J.Larochelle(Laval)	23,800	02
Guha, A. Zoology Toronto	Preparative ultracentrifuge and rotors	46,000	02
Guillet, J.E. Chemistry Toronto	Diode array spectrophotometer	24,728	05
Gupta, M.M. Mechanical Eng. Saskatchewan	Microprocessor development system * with H.C.Wood,D.Dodds,R.T.Burton(Sask.)	59,559	11
Gush, H. Physics British Columbia	Helium cooled two-beam interferometer	52,943	17
Hackam, R. Electrical Eng. Windsor	200 kV lightning and switching impulse generator * with G.R.G.Raju,A.Watson(Windsor)	60,884	11
Haedrich, R.L. Biology Memorial	Portable microcomputer system	8,950	18

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Hanessian, S. Chimie Montréal	Spectrophotometre UV/visible modele lambda 7 * avec H.Dugas,D.Gravel,K.Steliou, J.D.Wuest(Montréal)	29,629	05
Hanna, A. Civil Engineering Concordia	Foundation testing facilities	35,202	06
Harrison, R.G. Electronics Carleton	Microwave spectrum analyser * with B.A.Syrett, J.S.Wight(Carleton)	52,990	11
Hasinoff, B.B. Chemistry Memorial	Stopped-flow apparatus	13,864	05
Hasinoff, M.D. Physics British Columbia	Gamma-ray convertor for neutral particle detection in the TRIUMF TPC * with P.H.M.Depommier,L.Lessard(Montréal)	34,100	22
Hausser, O.F. Physics Simon Fraser	Focal plane polarimeter for upgraded MRS: wire chambers and readout system * with R.Abegg, C.A.Miller,D.A.Hutcheon(Alberta), T.E.Drake(Toronto)	65,700	22
Havas, M. Environmental Stud. Toronto	Research microscope, stereoscopic zoom microscope and photomicrographic equipment	20,852	18
Haykin, S. Elec. & Comp. Eng. McMaster	Image digitizer	49,653	11
Haynes, R.H. Biology York	Large volume preparative refrigerated centrifuge including centrifugal elutriation apparatus	30,000	02
Heasell, E.L. Electrical Eng. Waterloo	Silicon dicing saw * with D.J.Roulston, S.G.Chamberlain,M.I.Elmasry(Waterloo)	46,400	11
Hebert, P.D.N. Biology Windsor	Photomicroscope with photometer * with A.H.Warner,D.G.Wallen,D.D.S.Thomas, I.M.Weis(Windsor)	46,666	18
Herman, J.A. Chimie Laval	Boxcar integrator	16,328	05
Hickey, D.A. Biology Ottawa	Preparative centrifuge	17,000	02
Hirose, A. Physics Saskatchewan	Data acquisition system for STOR-IM and STOR-M tokamaks	61,620	15
Hoa, V.S. Mechanical Eng. Concordia	Acoustic emission machine for damage study of materials and structures * with T.S.Sankar, A.E.Blach(Concordia)	39,177	13
Hoffmann-Goetz, L. Human Kinetics Waterloo	Beta scintillation counter for interdisciplinary research * with D.E.Mills, M.E.Houston(Waterloo)	23,800	02

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Holden, D.A. Chemistry Waterloo	Fluorescence lifetime instrumentation * with E.W.Abrahamson,N.J.Bunce,M.Cocivera, F.R.Hallett,R.E.Lenkinski,F.J.Sharom(Guelph), J.R.Lepock,J.E.Thompson(Waterloo)	76,150	05
Hornof, V. Chemical Eng. Ottawa	Equipment for flooding experiments on reservoir cores * with G.Neale(Ottawa)	25,500	04
Hösli, J.P. Expl./util. des bois Laval	Enzyme immunoassay microplate reader pour la détection et identification de champignons hyménomycètes destructeurs de bois	18,000	21
Howard, I.P. Psychology York	Eye-movement recording equipment * with H.Ono, M.J.Steinbach(York)	20,000	12
Hubbes, M. Forestry Tororto	Deep freezer * with R.S.Jeng(Toronto)	13,000	03
Huber, R.E. Chemistry Calgary	To update gas-liquid chromatograph	14,082	02
Huck, P.M. Civil Engineering Alberta	Total organic halide (TOX) analyzer * with D.W.Smith(Alberta)	24,675	06
Hudgins, R.R. Chemical Eng. Waterloo	Catalytic reactor	12,725	04
Huebner, E. Zoology Manitoba	Inverted microscope and camera	22,000	02
Hughes, P.C. Aerospace Studies Toronto	Front end processor	16,226	13
Hughson, R.L. Kinesiology Waterloo	Computer based physiological recorder	8,492	01
Hui, W.H. Applied Math. Waterloo	Microprocessor for symbolic computations * with G.Tenti(Waterloo)	23,432	13
Huner, N.P.A. Plant Science Western Ontario	Ultracut E * with A.W.Day(UWO)	24,366	03
Hutchinson, T.C. Botany Toronto	Coulter counter	11,340	18
Ibrahim, R.K. Biology Concordia	High performance liquid chromatography system (HPLC)	40,033	03
Ingram, R.G. Oceanography McGill	Conductivity-temperature-depth profiling instrument	31,803	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Irish, D.E. Chemistry Waterloo	Potentiostat	24,450	05
Isman, M.B. Plant Science British Columbia	High performance liquid chromatography system	42,900	03
Iyer, V.N. Biology Carleton	Dual column gas chromatograph with head-space sampler	24,000	02
James, W. Civil Engineering McMaster	Distributed processing system for real time control of diffuse water pollution in urban and industrial areas * with J.J.Drake, G.G.Patry(McMaster)	87,100	06
Jamieson, J.C. Chemistry Manitoba	Preparative ultracentifuge and one rotor * with H.W.Duckworth(Manitoba)	46,000	02
Jolicoeur, P. Psychology Saskatchewan	Projection tachistoscope and reaction time system	8,393	12
Josephy, P.D. Chemistry Guelph	Upgrade of high pressure liquid chromatography system	18,050	05
Joy, K.W. Biology Carleton	High performance liquid chromatograph for amino acid analysis * with R.J.Ireland(Carleton)	49,200	03
Joy, M.L.G. Bio-Med Eng. Toronto	Computing facility: upgrade * with R.S.C.Cobbold,R.C.Frecker,H.Kunov,H.O'Beirne, K.H.Norwich,W.Zingg,I.A.Sherman, A.N.Venetsanopoulos(Toronto)	49,634	11
Kao, K.C. Electrical Eng. Manitoba	Plasma monitor system * with H.C.Card(Manitoba)	45,147	11
Kasinsky, H.E. Zoology British Columbia	Spectrophotometer and accessories	10,500	02
Keast, J.A. Biology Queen's	Flow-through, controlled temperature aquarium system * with P.W.Colgan,P.H.Johansen(Queen's), N.C.Collins(Toronto),M.R.Gross(SFU)	32,204	18
Keates, R.A.B. Chemistry & Biochem Guelph	Spectrophotometer * with J.M.Wood(Guelph)	38,000	02
Keddy, P.A. Biology Ottawa	Research van	16,550	18
Keffer, J.F. Mechanical Eng. Toronto	Digital data acquisition system	48,115	13
Kelln, R.A. Chemistry Regina	Ultracentrifuge rotor	8,000	02

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Kenney-Wallace, G.A. Chemistry Toronto	Laser system	55,000	05
Keppie, D.M. Biology New Brunswick	Vehicle	14,613	18
Kerrich, R. Geology Western Ontario	Hydrogen-deuterium system * with R.W.Hodder, W.S.Fyfe,H.W.Nesbitt,N.D.MacRae,S.R.Hicock, B.I.Kronberg(UWO)	40,000	10
Kershaw, K.A. Biology McMaster	High-speed refrigerated centrifuge	18,156	18
Khachatourians, G. Micro. & Food Sc. Saskatchewan	A biohazard/Laminar flow hood	11,000	02
Kidder, G.M. Zoology Western Ontario	Ultracentrifuge rotors * with B.G.Atkinson, J.E.Steele,J.P.Wiebe(UWO)	17,000	02
King, J.D. Physics Toronto	A powerful ion source for low binding energy negative ions * with A.E.Litherland, J.C.Rucklidge(Toronto)	32,000	22
Kirkpatrick, D.L. Chemistry Regina	Biological containment hood	8,500	05
Klein, R.M. Psychology Dalhousie	Laboratory computer system	26,000	12
Knowles, R. Microbiology Macdonald Coll.	High pressure liquid chromatograph * with D.F.Niven,R.A.MacLeod(Macd.Coll.)	25,000	02
Koehler, R.A. Physics York	Optics and support	11,300	17
Kokta, B.V. Pâtes et papiers Qué.-Trois-Riv.	Microréacteur * avec C.Daneault(UQTR)	8,625	04
Koningstein, J.A. Chemistry Carleton	Continuous wave argon ion laser for micro-raman spectroscopy * with D.R.Wiles, L.V.Haley(Carleton)	32,065	05
Krepec, T. Mechanical Eng. Concordia	Equipment for testing of combustion engines * with S.Lin,C.C.K.Kwok,R.M.H.Cheng, J.V.Svoboda(Concordia)	43,600	13
Kurz, B.J. Computer Science New Brunswick	Color graphic recording system * with E.E.Derenyi(UNB)	19,161	07
Lachance, M.A. Plant Science Western Ontario	Refrigerated high speed centrifuge * with L.M.Brown(UWO)	17,000	02

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Lacroix, M. Ctre. Rech.-Virol. Québec - IAF	Peptide synthesizer and accessories * avec J.M.Dupuy,L.Thibodeau(IAF),N.Sonenberg(McGill)	32,916	02
Landstreet, J.D. Astronomy Western Ontario	Detector head and disk unit	38,271	17
Langford, C.H. Chemistry Concordia	Thermal lensing spectrometer system	37,093	05
Laplante, A.R. Mining/Metal. Eng. McGill	Gamma-ray detector * with J.A.Finch(McGill)	8,411	04
Larter, E.N. Plant Science Manitoba	Near-infrared reflectance spectrophotometer * with L.E.Evans,P.B.E.McVetty,B.R.Stefansson, K.W.Clark(Manitoba)	25,694	03
Lasia, A. Chemistry Sherbrooke	1) IBM personal computer. (Ordinateur personnel IBM) 2) Dry box and vacuum pump (Boîte sèche et pompe à vide)	23,716	05
Laufer, E.E. Mining/Metallurgy Tech. Univ. N.S.	Metallurgical microscope	20,000	04
LeBel, D. Biologie Sherbrooke	Rotor à angle fixe pour ultracentrifugeuse (50 Ti) * avec A.R.Beaudoin,G.G.Poirier(Sherbrooke)	9,370	02
Leblanc, R.M. Photobiophysique Qué.-Trois-Riv.	Spectrophotométrie et spectrofluorimétrie de pigments biologiques en monocouche à l'interface air-eau	43,500	02
LeBlond, P.H. Oceanography British Columbia	Current meters * with W.J.Emery,G.S.Pond(UBC)	42,780	10
Lechowicz, M.J. Biology McGill	Portable system for field measurements of photosynthesis and respiration * with G.Bell, D.J.Schoen(McGill)	22,540	18
LeDuy, A. Génie chimique Laval	Shaker rotatif pour fermentation * avec L.Choplin(Laval)	17,610	04
Leewis, K.G. Mining/Metallurgy Tech. Univ. N.S.	Gas analysis facility	12,040	04
Legendre, L. Biologie Laval	Spectroradiomètre sous-marin	25,663	18
Leigh, W.J. Chemistry McMaster	Excimer laser	53,420	05
Lenard, J.G. Mechanical Eng. New Brunswick	High temperature, high rate of strain testing facility * with K.E.Machin(UNB)	43,940	13

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Leslie, J.R. Physics Queen's	Ultra high vacuum scattering chamber and precision goniometer * with G.T.Ewan,H.M.Love, J.D.MacArthur,P.J.Scanlon(Queen's)	66,743	22
Lessard, R.A. Physique Laval	Laser à l'argon	11,000	15
Lipkowski, J. Chemistry Guelph	Leed and auger spectroscopy	102,000	05
Lo, S.N. Pulp & Paper Qué.-Trois-Riv.	Fermenteur labroferm	40,928	04
Locat, J.E. Géologie Laval	Viscomètre à double parois cyclindriques	24,606	10
Loeb, S.J. Chemistry Winnipeg	Inert atmosphere dry box	18,800	05
Lowe, L.E. Soil Science British Columbia	Total organic carbon analyzer	19,516	03
Lu, B.C.Y. Chemical Eng. Ottawa	Supercritical fluid chromatograph	52,208	04
Ludden, J.N. Geology Montréal	Detector for upgrade of instrumental neutron activation analysis facility * with C.Brooks, L.Gélinas,W.E.Trzcienski(Montréal),G.Perrault, G.Pouliot(Ecole Polytechnique),D.M.Francis, R.F.Martin,W.H.MacLean,A.E.Williams-Jones, A.J.Hynes(McGill)	30,000	10
Lynch, D.T. Chemical Eng. Alberta	Catalytic reactor for high pressure and high temperature operation	17,075	04
MacGregor, J.F. Chemical Eng. McMaster	Gas chromatograph with liquid sampling loop for on-line applications * with A.E.Hamielec(McMaster)	24,412	04
Mackay, D. Chemical Eng. Toronto	Liquid chromatograph components	14,541	04
Mackay, W.C. Zoology Alberta	Midwater trawling system with quantitative echo sounder * with E.E.Prepas(Alberta)	14,770	01
MacKinnon, B.M. Biology New Brunswick	Research microscope with camera attachment	24,108	01
Macko, S.A. Earth Sciences Memorial	Ion trap detector	46,000	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
MacNeill, I.B. Stat. & Actuar. Sc Western Ontario	High resolution display terminal and accompanying hardcopy unit * with A.Donner, G.A.Wells,D.R.Bellhouse,B.Chan,A.I.McLeod(UWO)	14,884	14
MacRae, T.H. Biology Dalhousie	Ultracentrifuge and one rotor * with R.W.Lee, H.I.Schrempf,L.C.Vining(Dalhousie)	46,000	02
Malek, L. Biology Lakehead	Liquid scintillation counter	21,969	03
Malhotra, S.K. Civil Engineering Tech. Univ. N.S.	Data acquisition system for measurements of strains, displacements and loads	24,865	06
Malik, O.P. Electrical Eng. Calgary	Logic implementation and test facilities * with T.H.Barton,G.S.Hope(Calgary)	28,410	11
Manocha, M.S. Biolog. Sciences Brock	Ultramicrotome * with J.Rossant,A.H.Houston, R.P.Rand(Brock)	21,999	03
Manoogian, A. Physics Ottawa	Magnet and power supply * with D.D.Hogarth, R.S.Mann,J.C.Woolley(Ottawa)	27,495	15
Marley, A.A.J. Psychology McGill	Computer modelling in psychophysics * with D.J.Ostry(McGill)	23,127	12
Marquardt, R.R. Animal Science Manitoba	High performance liquid chromatographic system * with L.D.Campbell,W.Guenter,J.R.Ingalls, G.D.Phillips,S.C.Stothers(Manitoba)	59,360	01
Marsland, T.A. Computer Science Alberta	Experiments with multi-processor systems	55,560	07
Martin, P.W. Physics British Columbia	Multichannel analyser * with B.G.Turrell(UBC)	35,700	15
Mathewes, R.W. Biolog. Sciences Simon Fraser	Components to complete assembly of Zeiss research microscope	7,714	10
Mathews, T. Physics Calgary	Mesonet data monitoring/recording system * with R.B.Hicks(Calgary)	18,255	17
Maurer, D.J. Psychology McMaster	Photometer	8,055	12
May, A.D. Physics Toronto	Raman gain spectrometer	20,505	15
Mayer, L.A. Oceanography Dalhousie	A seismic reflection profiling system * with R.Boyd,K.E.Louden(Dalhousie)	99,703	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
McCrindle, R. Chemistry Guelph	High-pressure liquid chromatography unit * with G.L.Lange,M.J.Nye(Guelph)	12,285	05
McCully, M.E. Biology Carleton	1) Optical microscope with photomicrography equipment 2) Ultra deep freeze * with J.A.Webb(Carleton)	47,250	03
McEwen, D.J. Inst Space/Atmos. Saskatchewan	Fabry perot interferometer * with J.A.R.Koehler,E.J.Llewellyn,A.H.Manson, R.Montalbetti,G.J.Sofko(Sask.)	70,300	17
McIntyre, D.C. Psychology Carleton	Kindled neurons in vitro	24,020	12
McKay, J. Computer Science Concordia	Digital phototypesetter * with P.Bratley(Montreal),C.Y.Suen,R.De Mori(Concordia)	40,000	07
McLane, P.J. Electrical Eng. Queen's	A microcomputer based signal processing and program development system * with S.E.Tavares, P.H.Wittke(Queen's)	9,650	11
McPherson, J.C. Botany British Columbia	Centrifuge + rotors	17,000	02
McQueen, D.J. Biology York	Four enclosures for limnology experiments	29,459	18
Meaney, M.J. Psychology Concordia	Autoradiographic analysis of hormone receptors: frozen tissue storage	7,833	12
Measures, R. Aerospace Studies Toronto	High speed data acquisition system	22,535	15
Meech, J.A. Mining Eng. Queen's	Scanning UV spectrophotometer and atomic absorption spectrophotometer * with J.G.Paterson,J.H.Brown(Queen's)	58,000	04
Meinertzhagen, I.A. Psychology Dalhousie	Ultramicrotome * with S.R.Shaw, M.G.Yoon(Dalhousie)	24,600	01
Menipaz, E. School of Business Carleton	Expandable Computer Aided Testing and quality management graphic display apparatus	29,997	20
Merrett, T.H. Computer Science McGill	Workstation for research into document processing	20,510	07
Miller, M.H. Land Resource Sc Guelph	Walk-in growth room * with BD.Kay,G.W.Thurtell, K.M.King(Guelph)	15,463	03
Mills, D.E. Human Kinetics Waterloo	Gamma radiation counter * with H.J.Green, L.Hoffman-Goetz(Waterloo)	33,372	01

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Mills, E.L. Oceanography Dalhousie	Laboratory flume instrumentation * with D.A.Huntley(Dalhousie)	13,280	18
Milone, E.F. Physics Calgary	Photometer and offset guider camera * with T.A.Clark,S.Kwok(Calgary), D.A.Naylor(Lethbridge)	47,000	17
Milsom, W.K. Zoology British Columbia	Equipment for non-invasive monitoring of respiration	21,000	01
Molle, M.L. Computer Science Toronto	CSRG computing facility upgrade * with D.B.Wortman,E.C.R.Hehner,K.C.Sevcik, A.O.Mendelzon,J.Mylopoulos(Toronto)	122,585	07
Montevecchi, W.A. Psychology Memorial	Rubber inflatable boat * with A.Burger(Memorial)	11,541	18
Moore, R.M. Oceanography Dalhousie	Visible-ultraviolet spectrophotometer and accessories	7,644	10
Muggeridge, D.B. Eng./Applied Sci. Memorial	Tow tank dynamometer and ship model propulsion system * with M.Arockiasamy,D.A.Friis, C.C.Hsiung,T.A.Achtarides(Memorial)	69,242	13
Muir, W.E. Agricult. Eng. Manitoba	Laboratory chamber with instrumentation for crop drying and wetting	24,200	21
Myers, J. Plant Science British Columbia	Leaf area meter	8,070	18
Nachman, M. Génie électrique Ecole Polytechnique	Analyseur de réseaux	24,337	11
Nadeau, J.S. Metallurgical Eng. British Columbia	Acoustic emission measuring equipment * with E.Teghtsoonian(UBC)	38,626	04
Nakai, S. Food Science British Columbia	Fluorescence spectrophotometer for protein studies, vitamin analyses and enzymic deterioration determination * with J.Vanderstoep(UBC)	36,339	03
Nazar, R.N. Botany & Genetics Guelph	High vacuum E.M. coating unit * with B.C.Lu, D.H.Lynn,J.P.Phillips,J.E.Robb, B.H.Sells(Guelph)	23,000	02
Neufeld, R.J. Chemical Eng. McGill	Fermentor - laboratory scale * with D.G.Cooper, B.Volesky(McGill)	21,706	04
Newman, E.B. Biology Concordia	Recording spectrophotometer * with M.B.Herrington,J.M.Fraser(Concordia)	18,498	02
Nicholson, P.S. Metal/Mat. Science McMaster	Equipment for non-destructive evaluation and stem examination of ceramic superionic conductors * with G.R.Piercy, J.D.Embury(McMaster)	53,575	04

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Niessen, P. Mechanical Eng. Waterloo	Modification to quantitative capabilities of EDX microprobe system * with H.W.Kerr, A.Plumtree(Waterloo)	27,795	04
Novak, M. Civil Engineering Western Ontario	Zonic system FFT analyzer	39,217	06
Ogilvie, R.D. Psychology Brock	Real-time experimental control system * with S.J.Segalowitz,J.O.Mitterer(Brock)	12,757	12
Oke, T.R. Geography British Columbia	Mobile meteorological tower for eddy flux measurement	14,965	10
Olafson, R.W. Biochem./Microbiol. Victoria	Autotitration system * with A.T.Matheson(Victoria)	20,539	02
Oldham, K.B. Chemistry Trent	Components to enhance electrochemical data-acquisition system	19,837	05
Olivier, G. Génie électrique Ecole Polytechnique	Enregistreur à plume rectilinéaire - Oscilloscope * avec G.Roy,G.E.April, R.P.Bouchard(Ecole Poly.)	22,000	11
Paige, C.C. Computer Science McGill	Floating point accelerator and additional memory for computer * with D.Avis(McGill)	24,933	07
Parker, P.A. Electrical Eng. New Brunswick	Signal analyser * with R.E.Gander, R.N.Scott(UNB)	43,476	11
Parkin, K.L. Food Science Guelph	Ultracentrifuge * with D.W.Stanley(Guelph)	48,973	03
Pasztor, V. Biology McGill	Digital storage oscilloscope and plotter	20,834	01
Patera, J. Centre de rech math Montréal	Microordinateur de recherche	12,800	15
Payette, S. Etudes nordiques Laval	Un camion * avec L.Filion,M.Allard(Laval)	21,997	18
Payre, G. Génie mécanique Sherbrooke	Station de Travail * avec P.Bourassa,M.Brézina, N.Galanis,M.Massoud(Sherbrooke)	60,000	13
Pearce, T.H. Geology Queen's	Advanced laser laboratory * with A.H.Clark, P.L.Roeder(Queen's)	69,715	10
Pearlman, R.E. Biology York	Refrigerated centrifuge with rotors * with A.S.Tsang,M.M.Crerar,B.Glickman(York)	17,000	02

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Peirson, D.R. Biology Wilfrid Laurier	Autoanalyzer II continuous-flow analytical system * with J.R.Elliott(W.Laurier)	33,435	03
Perry, S.F. Biology Ottawa	Three precision gas mixing pumps * with P.J.Walsh(Ottawa)	10,000	01
Petersen, N.O. Chemistry Western Ontario	2W argon ion laser tube for a fluorescence correlation spectroscopy system	12,000	05
Peterson, E.L. Biology McGill	Data acquisition system and microcomputer * with G.S.Pollack,V.M.Pasztor,R.M.Robertson, R.Chase(McGill)	21,676	01
Petrides, M. Psychology McGill	Surgical microscope	15,021	12
Petrusic, W.M. Psychology Carleton	Laboratory microprocessor system	14,570	12
Pharis, R.P. Biology Calgary	High pressure/performance liquid chromatograph used/reconditioned	23,400	03
Piché, M. Physique Laval	Laser CO 2 à 10 atmosphères * avec P.A.Bélanger,S.L.Chin(Laval)	62,048	15
Pilliar, R. Metal/Mat. Science Toronto	Controlled atmosphere vertical tube furnace * with G.C.Weatherly(Toronto)	15,000	04
Piron, D.L. Génie métall. Ecole Polytechnique	Système de mesure des paramètres de cinétique d'électrode	24,062	04
Plowright, R.C. Zoology Toronto	Fluorescence microscope and accessories	8,416	18
Poirier, G.G. Biologie Sherbrooke	Ultracentrifugeuse * avec D.LeBel,A.R.Beaudoin, A.Lord(Sherbrooke)	38,206	02
Poirier, M. Physique Sherbrooke	Digitaliseur programmable	17,364	15
Polanyi, J.C. Chemistry Toronto	Laser facility for the UV and VUV	125,000	05
Pollard, A. Mechanical Eng. Queen's	General purpose data acquisition system for laser doppler anemometry and hot wire anemometry * with H.A.Becker, E.W.Grandmaison(Queen's)	21,464	13
Pomerleau, A. Psychologie Québec-Montréal	Système intégré de contrôle expérimental en temps réel, d'acquisition et de traitement des données * avec G.Malcuit(UQAM)	16,080	12

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Postlethwaite, J. Chemical Eng. Saskatchewan	Computer-assisted electrochemical corrosion system	14,364	04
Poussart, D. Génie électrique Laval	Système pour études en acquisition, traitement et reconnaissance d'objets tri-dimensionnels * avec S.Gagne(Laval)	32,800	11
Proctor, J.T.A. Horticulture Guelph	Portable photosynthesis system * with D.P.Ormrod,M.J.Tsujita,J.L.Eggens, J.E.Laing(Guelph)	19,212	03
Protz, R. Land Resource Sc Guelph	Automated rock section production system	23,490	03
Pulfrey, D.L. Electrical Eng. British Columbia	Microelectronics equipment * with L.Young(UBC)	56,317	11
Quigley, R.M. Civil Engineering Western Ontario	Data logging equipment to interface between dedicated hydraulic conductivity measuring system for clays and computer graphics facility	22,000	06
Rahman, M.A. Electrical Eng. Memorial	Variable voltage, variable frequency, three phase, 50kW pulse-width modulated inverters * with J.E.Quaicoe(Memorial)	25,000	11
Rajagopalan, V. Génie électrique Qué.-Trois-Riv.	Analyseur d'onde par transformée rapide de Fourier * avec A.Jacob,A.Sévigny(UQTR)	24,666	11
Rajaratnam, N. Civil Engineering Alberta	Fibre optic LDA upgrade system * with A.W.Peterson(Alberta)	32,875	06
Rankin, G.W. Mechanical Eng. Windsor	Constant temperature anemometer * with K.Sridhar(Windsor)	26,860	13
Raymond, J.E. Psychology Calgary	Micro-computer controlled visual perception research	16,829	12
Reif, Z.F. Mechanical Eng. Windsor	Automatic preventive maintenance and tool wear monitoring	78,202	13
Reiswig, H.M. Redpath Museum McGill	Stereomicroscope with camera	8,951	18
Reisz, R.R. Zoology Toronto	Photographic and darkroom equipment	17,868	01
Renninger, G.H. Physics Guelph	Microcomputer-based signal processor	12,000	01
Reynolds, P.H. Physics/Geology Dalhousie	Argon ion laser	23,075	10

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Ristic, V. Electrical Eng. Toronto	Ion milling and sputtering system	24,501	11
Roberts, W.A. Psychology Western Ontario	Computer hardware and interfacing equipment	10,271	12
Robertson, R.M. Biology McGill	Electrophysiological waveform display and storage system	31,058	01
Rochon, F.D. Chimie Québec-Montréal	Fourier transform infrared spectrometer * avec G.Delmas-Patterson,D.Vocelle,R.Melanson, P.C.Kong(UQAM)	45,000	05
Roder, J.C. Micro/Immunology Queen's	Fluorescent microscope * with J.J.A.Holden, B.N.White,S.P.C.Cole(Queen's)	22,000	02
Rogers, P. Physical Education Laval	LKB liquid scintillation spectometry system * with C.Bouchard,F.T.Dionne(Laval)	23,800	02
Romaniuk, P.J. Biochem./Microbiol. Victoria	Gradient elution HPLC system	25,000	02
Romaniuk, P.J. Biochem./Microbiol. Victoria	Low speed refrigerated centrifuge	17,000	02
Rood, S.B. Biolog. Sciences Lethbridge	Radioactivity moniter for high pressure liquid chromatography	20,266	03
Rose, M.R. Biology Dalhousie	16-bit microcomputer * with M.A.H.Dempster, W.F.Doolittle	15,858	18
Rousselle, J. Génie civil Ecole Polytechnique	Micro-ordinateur (PC/XT) * avec F.Brière, R.Desjardins(Ecole Poly.)	11,010	06
Rowlands, N. Mining/Metal. Eng. McGill	Automated X-ray diffraction system * with J.A.Finch,W.M.Williams,M.R.Kamal,R.J.Munz, R.N.Yong(McGill)	105,807	04
Roy, C. Génie chimique Sherbrooke	Déterminateur automatique des matières volatiles, de l'humidité et des cendres * avec E.Chornet(Sherbrooke)	23,500	04
Russell, S.D. Civil Engineering British Columbia	Colour graphics system and VAX disk expansion * with P.M.Byrne,R.C.Campenella,W.F.Caselton, R.F.Hooley,F.P.D.Navin,M.D.Olson,A.D.Russell, R.A.Spencer,S.F.Stiemer,R.O.Foschi(UBC)	108,968	06
Saint-Jacques, R.G. INRS - Energie Québec - Varennes	Microscope électronique en transmission pour couplage avec un implanteur d'ions * avec B.Terreault(INRS)	60,000	04
Salama, C.A.T. Electrical Eng. Toronto	Pattern generator for microelectronics technology	112,300	11

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Sandorfy, C. Chimie Montréal	Système de détection pour spectromètre raman avec laser ultraviolet * avec G.Durocher(Montréal)	86,102	05
Savage, S.B. Civ Eng/App Mech McGill	System for acquisition and analysis of fluid flow data * with R.G.Cox,V.H.Chu(McGill)	13,081	13
Savoie, R. Chimie Laval	Détecteur infrarouge * avec M.Pézolet, R.E.Prud'homme(Laval)	9,939	05
Sayer, M. Physics Queen's	Magnetron sputtering facility * with R.W.Smith(Queen's)	26,800	15
Scarfe, C.M. Geology Alberta	Viscometer for high-temperature silicate melt studies	20,000	10
Scheffer, J.R. Chemistry British Columbia	Capillary gas chromatograph	23,549	05
Schneider, B.A. Psychology Toronto	Programmable filters for hearing experiments	16,511	12
Schoen, D.J. Biology McGill	An electrophoresis lab for population studies * with H.Tyson,M.J.Lechowicz,G.Bell(McGill)	17,243	18
Schultz, P.J. Physics Western Ontario	Acquisition and analysis system for slow positron beam	98,914	15
Schultz, P.J. Physics Western Ontario	Reactor-based slow position pre-accelerator * with I.K.MacKenzie,J.L.Campbell(Guelph), J.A.Davies,D.A.Thompson(McMaster)	42,400	15
Scott, D.S. Chemical Eng. Waterloo	Gas chromatograph - mass spectrometer * with M.Moo-Young,C.W.Robinson,R.R.Hudgins(Waterloo)	110,627	04
Seguin, H.J.J. Electrical Eng. Alberta	Scanning and recording mass-spectrometer * with R.P.W.Lawson,C.E.Capjack(Alberta)	63,219	11
Sergent, J. Psychology McGill	Computer for on-line control of psychological experiments and preliminary computations of data	23,940	12
Shapiro, S. Chemistry Concordia	Position-sensing proportional counter for radiochromatograms and radioelectrophoretograms	33,870	05
Shepherd, G.G. Physics York	Polarizing wide angle michelson interferometer	12,700	17
Shih, I. Electrical Eng. McGill	Temperature control/measurement system for bulk and thin film CuInSe2 preparation * with C.H.Champness(McGill)	35,300	11

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Simkin, D. Chemistry McGill	Circular dichrometer-optical rotatory dispersion spectrometer * with T.H.Chan, K.K.Ogilvie,D.G.Gray,A.Shaver,B.Belleau, A.S.Perlin(McGill)	124,789	05
Slavin, A.J. Physics Trent	Ultrahigh vacuum equipment upgrade: Mass spectrometer and isolation valve	10,810	15
Smart, C.C. Geography Saskatchewan	Fluorometer	11,655	10
Smeltzer, W.W. Metal/Mat. Science McMaster	Thin metal film vacuum evaporator * with D.A.Thompson(McMaster)	11,730	04
Smith, V.H. Chemistry Queen's	Fourier transform infrared spectrometer * with M.C.Baird,E.Buncel,A.R.Norris,K.E.Russell, H.F.Shurvel(Queen's)	89,935	05
Smy, P.R. Electrical Eng. Alberta	Motion analysis system	124,138	15
South, G.R. Biology Memorial	Epi-fluorescence spectrophotometric equipment * with A.Whittick(Memorial)	11,812	18
Spooner, E.T.C. Geology Toronto	A gas chromatograph * with G.M.Anderson, K.W.F.Howard,S.D.Scott(Toronto)	19,250	10
Stathopoulos, T. Ctre.-Build. Stud. Concordia	Wind tunnel pressure measurement instrumentation * with C.Marsh(Concordia)	39,756	06
Steer, R.P. Chemistry Saskatchewan	Gas chromatograph and mass spectrometer data system * with P.J.Smith,R.G.Sutherland, J.A.Weil,J.M.Pepper,R.J.Woods,G.D.Abrams, C.C.Lee,W.L.Waltz(Sask.)	28,850	05
Steeves, J.D. Zoology British Columbia	Electrostatic recorder	39,950	01
Stein, R.A. Electrical Eng. Calgary	Color graphic recorder * with J.W.Haslett, L.E.Turner,M.R.Smith(Calgary)	18,769	11
Steiss, J.E. Vet. Phys. Sci. Saskatchewan	Ultracentrifuge * with L.A.Babiuk,G.W.Forsyth, V.S.Gupta,V.Misra(Sask.)	46,000	02
Stesky, R.M. Earth/Planet. Sci. Toronto	Digital oscilloscope	12,193	10
Stevens, E.D. Zoology Guelph	Oscilloscope and gas mixing pump	31,553	01
Stewart, N.F. Infor. & rech opér. Montréal	Computer upgrade * avec G.V.Bochmann,E.Cerny, D.Thalmann,J.Vaucher(Montréal)	46,486	07

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Steyn, D.G. Geography British Columbia	Seven scientific data loggers	21,000	17
Stillman, M.J. Chemistry Western Ontario	Circular dichroism spectrometer for bioinorganic research * with C.J.Willis(UWO)	113,882	05
St-Pierre, L.E. Chemistry McGill	Peptide synthesizer * with B.Belleau(McGill)	72,532	05
Stratton, G.W. Biology N.S.A.C.	Liquid scintillation counter	23,800	02
Straus, N.A. Botany Toronto	Preparative ultracentrifuge and rotors * with J.P.Williams,J.R.Coleman,J.A.Hellebust, R.A.Collins(Toronto)	46,000	02
Suen, C.Y. Computer Science Concordia	Multi-font optical reader * with R.Shinghal(Concordia)	24,596	07
Sullivan, P.A. Aerospace Studies Toronto	A computer based digital data acquisition system	12,620	13
Sundby, B. Oceanography Québec-Rimouski	Liquid scintillation counter	49,305	10
Susak, N.J. Geology New Brunswick	Hydrothermal solubility system	51,469	10
Susak, N.J. Geology New Brunswick	Rh - X-ray fluorescence tube * with P.F.Williams,D.J.Bachinski,A.L.McAllister, L.T.Trembath,S.L.W.Bachinski(UNB)	8,745	10
Swatland, H.J. Animal/Poultry Sc. Guelph	Fiber optic spectrophotometer * with D.W.Stanley(Guelph)	26,941	01
Sykes, J.F. Civil Engineering Waterloo	Computer-aided design workstation * with E.A.McBean(Waterloo)	74,310	06
Szarek, W.A. Chemistry Queen's	Automatic polarimeter * with G.W.Hay(Queen's)	25,451	05
Szöghy, I.M. Physique Laval	Prototype solid state detector system * avec J.C.Roy,J.A.Zee,S.Kaliaguine(Laval)	25,000	22
Tangri, K. Mechanical Eng. Manitoba	Image analyser * with J.R.Cahoon, M.C.Chaturvedi,M.N.Bassim(Manitoba)	123,317	04
Taylor, N.F. Chemistry Windsor	High performance liquid chromatography system * with B.Mutus,K.E.Taylor,R.J.Thibert(Windsor)	23,050	02

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Teply, S. Civil Engineering Alberta	Detailed traffic surveys	32,732	06
Terreault, B. INRS - Energie Québec - INRS	Aimant d'analyse en énergie et de sélection de masse * avec R.G.Saint-Jacques(INRS)	16,820	15
Terreault, B. INRS - Energie Québec - INRS	Analyseur E x B	8,750	15
Thewalt, M.L.W. Physics Simon Fraser	Dewar and detector system for FIR studies of bound excitons * with B.P.Clayman(SFU)	15,032	15
Thompson, D.A. Eng. Physics McMaster	Cryo-refrigerator for low temperature ion implantations	22,171	04
Thompson, J.E. Biology Waterloo	Balzers freeze fracture equipment * with N.Bols,J.R.Lepock(Waterloo)	88,005	03
Thompson, J.R. Animal Science Alberta	Liquid scintillation counting system * with L.P.Milligan,R.J.Christopherson, B.A.Young(Alberta)	53,310	01
Thompson, L.K. Chemistry Memorial	Cyclic voltammetry equipment and accessories * with B.S.Ramaswamy(Memorial)	14,737	05
Thompson, R.G. Biology Mount Allison	Liquid scintillation spectrometer	24,463	03
Tinawi, R. Génie civil Ecole Polytechnique	Micro-ordinateur 2ans - 1er vers.	19,750	06
Tobe, S.S. Zoology Toronto	Liquid scintillation spectrometer * with D.F.Mettrick,F.M.Barrett(Toronto)	36,068	01
Toews, D.P. Biology Acadia	Digital titration system	16,990	01
Toguri, J.M. Metal/Mat. Science Toronto	Recording camera: High resolution TV system & used X-ray tube (High temperature X-ray radiography)	33,800	04
Tranquilla, J.M. Electrical Eng. New Brunswick	Satellite receiver	15,417	11
Tremblay, R. Physique Laval	Système de pulvérisation par faisceaux ioniques * avec C.Delisle(Laval)	89,064	15
Trust, T.J. Biochem./Microbiol. Victoria	Automatic ELISA microplate reader * with T.W.Pearson,W.W.Kay,R.W.Olafson, J.T.Buckley(Victoria)	24,500	02

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Tulip, J. Electrical Eng. Alberta	Laser processing equipment	25,030	11
Turek, A. Geology Windsor	Mass spectrometer components * with D.T.A.Symons(Windsor)	30,426	10
Turek, A. Geology Windsor	Mineral separation equipment * with D.T.A.Symons(Windsor)	14,098	10
Tyree, M.T. Botany Toronto	Equipment for acoustic detection of cavitation in the sapwood of trees * with T.J.Blake(Toronto)	25,552	03
Valenta, Z. Chemistry New Brunswick	New interface/data system for mass spectrometer * with K.Wiesner,J.A.Findlay, J.Passmore,N.A.Lewis(UNB)	17,259	05
Van Oers, W.T.H. Physics Manitoba	Tape drive and controller * with N.E.Davison, W.R.Falk,R.H.McCamis(Manitoba)	34,312	22
Vining, L.C. Biology Dalhousie	French pressure cell and motorized press * with R.W.Lee,R.G.Brown(Dalhousie)	10,725	02
Viswanatha, T. Chemistry-Biology Waterloo	Environmentally controlled incubator	19,189	02
Von Grünau, M.W. Psychology Queen's	Equipment for electrical and microiontophoretic stimulation, and single unit recording	14,889	12
Vo-Van, T. Math/physique Moncton	Système de vide pour l'étude des films minces * avec F.E.Girouard,R.L.Banerjee, G.Bosi(Moncton)	68,240	15
Walker, D.C. Chemistry British Columbia	Positron annihilation lifetime counting equipment	31,703	05
Walker, G. Mechanical Eng. Calgary	Siemens-Stirling research and development engine and test installation * with O.R.Fauvel(Calgary)	96,156	13
Walker, S. Chemistry Lakehead	Impedence analyser equipment	28,759	05
Walton, J.S. Animal/Poultry Sc. Guelph	Liquid scintillation spectrometer * with R.J.Etches,R.R.Hacker,G.J.King(Guelph)	20,181	01
Waltz, W.L. Chemistry Saskatchewan	Transient recorder for fast reaction studies * with R.E.Verral,R.J.Woods(Sask.)	30,177	05
Ward, R.M. Psychologie Qué.-Trois-Riv.	Microscope à dissection et accessoires	8,927	12

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Ware, W.R. Chemistry Western Ontario	Cavity dumper for laser facility * with J.R.Bolton(UWO)	30,000	05
Watkinson, A.P. Chemical Eng. British Columbia	Total organic carbon analyzer * with R.M.R.Branion,K.L.Pinder,K.V.Lo(UBC)	28,245	04
Watton, A. Physics Victoria	Broadband NMR spectrometer * with H.E.Petch(Victoria)	38,900	15
Weatherston, I. Biology Laval	Dual, capillary & packed column gas chromatographic system	30,000	01
Weeks, G. Microbiology British Columbia	Spectrophotometer	21,000	02
Weil, J.A. Chemistry Saskatchewan	Electron spin resonance spectrometer accessories	54,420	05
Westgate, J.A. Geology Toronto	Magnetic susceptibility and anisotropy equipment * with N.Eyles(Toronto)	7,846	10
White, B.N. Biology Queen's	Centrifuge and rotors * with G.R.Wyatt, L.Aujame,J.J.A.Holden,V.K.Walker(Queen's)	17,000	02
Wicks, F.J. Geology Toronto	Thermoanalysis with evolved gas analysis	12,907	10
Williams, G. Physics Manitoba	Cerium Magnesium Nitrate (CMN) thermometer * with R.M.Roshko(Manitoba)	26,830	15
Wilson, J.D. Land Resource Sc Guelph	Anemometers	47,000	13
Withers, S.G. Chemistry British Columbia	Fast protein liquid chromatography equipment	31,736	05
Woo, P.T.K. Zoology Guelph	Research microscope	16,264	01
Wood, G.W. Chemistry Windsor	Fast atom bombardment ion source and power supply	41,388	05
Wood, J.M. Chemistry & Biochem Guelph	Airfuge * with F.J.Sharom(Guelph)	14,000	02
Woodhams, R.T. Chemical Eng. Toronto	Plastics compounding machine (laboratory model)	55,000	04

2.1 Equipment Grants (continued)/Subventions d'appareillage (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Woodside, C.M. Sys Eng/Comp Sci. Carleton	CAD support equipment * with R.J.A.Buhr, M.A.Copeland,N.M.Holtz,J.Goldak(Carleton)	73,676	07
Wright, J.D. Chemical Eng. McMaster	Extractive distillation/energy integrated systems * with P.A.Taylor(McMaster)	59,725	04
Wu, C.Y. Computer Science York	Colour graphic terminal	28,728	13
Wuest, J.D. Chemistry Montréal	Gas chromatograph	24,701	05
Wynnyckyj, J.R. Chemical Eng. Waterloo	Mercury penetration porosimetry instrument * with I.Chatzis,F.A.L.Dullien,D.R.Spink, P.L.Silveston(Waterloo)	60,340	04
Yamauchi, H. Eng Materials Windsor	Ancillary equipment to sputtering-deposition system	47,104	04
Yang, H.Y.H. Computer Science Saskatchewan	Time-varying scene analysis laboratory	51,810	07
Yates, K. Chemistry Toronto	Electric field spectrometer	37,443	05
Yates, P. Chemistry Toronto	Fused silica capillary column gas chromatograph * with B.Bosnich,A.G.Brook, J.B.Jones,S.McLean(Toronto)	24,825	05
Yip, G.L. Electrical Eng. McGill	Measurement equipment for fiber and integrated optics	33,967	11
Young, P.G. Biology Queen's	High speed centrifuge * with D.T.Dennis(Queen's)	17,000	02
Youson, J.H. Zoology Toronto	Freeze etch unit * with C.K.Govind(Toronto)	83,125	01
Zaky, S.G. Electrical Eng. Toronto	VLSI design station * with V.C.Hamacher, W.M.Loucks,W.M.Snelgrove,Z.G.Vranesic(Toronto)	15,319	11
Zalik, S. Plant Science Alberta	Low temperature freezer	10,400	02

2.2 Major Equipment Grants/Subventions pour appareils spéciaux

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Arockiasamy, M. Eng./Applied Sci. Memorial	Testing (fatigue, impact and static) of offshore/onshore structural elements * with J.E.Gale,D.B.Muggeridge,M.Booton,J.Molgaard, P.N.Smith,A.J.Christian(Memorial)	272,092	06
Arsenault, H.H. Physique Laval	Interactive digital image processor and accessories * avec R.A.Lessard,E.F.Borra, E.J.Hardy(Laval)	150,360	15
Bal, A.K. Biology Memorial	Scanning electron microscope with dispersive X-ray microanalysis system and detector * with R.A.Nolan,D.H.Steele,V.J.Steele,C.R.Barnes, L.E.Fahraeus,R.N.Hiscott,N.P.James(Memorial)	180,000	02
Bushnell, G.W. Chemistry Victoria	Single crystal X-ray diffractometer * with A.McAuley,K.R.Dixon,S.R.Stobart, R.H.Mitchell(Victoria)	150,000	05
Caldwell, W.G.E. Geological Sciences Saskatchewan	X-ray diffraction system * with E.G.Nisbet, T.K.Kyser,R.W.Renaut(Sask.)	150,000	10
Caplan, H.S. Physics Saskatchewan	Saskatchewan accelerator laboratory computer * with J.C.Bergstrom,C.Rangacharyulu, R.Servranckx,D.M.Skopik,E.L.Tomusiak, E.J.Ansaldo,M.A.Preston,W.L.Waltz(Sask.)	160,000	22
Chanson, S.T. Computer Science British Columbia	An interactive computing facility for system development * with H.D.Abramson,G.F.Schrack, A.M.Kanda,R.Reiter,R.S.Rosenberg,J.M.Varah, P.J.Voda,S.T.Vuong,P.C.Gilmore(UBC)	166,132	07
Chaturvedi, M.C. Mechanical Eng. Manitoba	Scanning electron microscope * with M.N.Bassim, K.K.Tangri,J.R.Cahoon,E.Z.Lajtai,H.C.Card, J.A.Oleszkiewicz(Manitoba)	231,122	04
Chenevert, R B. Chimie Laval	Spectromètre de résonance magnétique nucléaire multi-noyaux * avec R.H.Burnell,P.Canonne, C.R.Engel,P.Brassard,D.Cozak(Laval)	263,148	05
Crawford, R.J. Chemistry Alberta	300 MHz NMR spectrometer * with W.A.Ayer, D.L.J.Clive,W.A.G.Graham,O.Hindsgaul, G.Kotovych,H.J.Liu,J.W.Lown,R.E.McClung, M.J.Robins,J.C.Vederas(Alberta)	197,500	05
Eaton, D.R. Chemistry McMaster	High field NMR spectrometer * with G.J.Schrobilgen,T.Birchall,R.J.Gillespie, R.A.Bell,T.Neilson,C.J.L.Lock,M.J.McGlinchey, I.D.Spenser,R.F.Childs,D.B.MacLean, A.E.Hamielec(McMaster)	274,025	05
Fahlman, G.G. Geophys./Astron. British Columbia	Astronomical data analysis facility * with P.Hickson,H.B.Richer,G.A.H.Walker,T.K.Menon, M.Yedlin(UBC)	225,000	17
Frindt, R.F. Physics Simon Fraser	Scanning Auger microscope (SAM) * with S.R.Morrison,M.L.W.Thewalt,A.E.Curzon,S.Gygax, A.S.Arrott(SFU)	266,528	15
Hansen, J.S. Aerospace Studies Toronto	100 KN material test system * with R.C.Tennyson(Toronto)	221,000	13
Hubert, J. Chimie Montréal	Spectromètre à transformée de fourier et générateur de plasmas micro-onde à haute puissance * avec M.Moisan(Montréal)	194,790	05

2.2 Major Equipment Grants (continued)/Subventions pour appareils spéciaux (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Irons, G.A. Metal/Mat. Science McMaster	Optical emission spectrometer * with J.S.Kirkaldy,D.A.R.Kay,W.K.Lu, J.D.Embury(McMaster)	220,970	04
Jullien, G.A. Electrical Eng. Windsor	Digital signal processing facility * with M.Ahmadi,N.K.Loh,W.C.Miller,M.Shridhar,M.A.Sid-Ahmed,J.J.Soltis(Windsor)	180,000	11
Krakiwsky, E.J. Surveying Eng Calgary	An image processing and graphics facility, and specialized computing laboratory for surveying and mapping * with J.A.R.Blais,C.S.Fraser, G.D.Lodwick,K.P.Schwarz(Calgary)	168,382	06
Kuijt, J. Biolog. Sciences Lethbridge	Transmission electron microscope	139,427	03
Leupin, M. Photogrammetrie Laval	Restituteur analytique (Analytical plotter) * avec S.K.Ghosh(Laval)	213,200	06
McNutt, R.H. Geology McMaster	Solid source mass spectrometer * with J.H.Crocket(McMaster)	275,000	10
Moon, W. Earth Sciences Manitoba	Interactive graphics and image processing system * with D.H.Hall,W.C.Brisbin, D.T.Anderson,L.P.Stene,N.E.Davison, F.C.Hawthorne,J.D.Milton,R.B.Ferguson, L.Shafai(Manitoba)	242,592	10
Morrish, A.H. Physics Manitoba	Transmission electron microscope with low field specimen stage * with P.Gaunt, C.W.Searle(Manitoba)	205,025	15
Oehlschlager, A.E. Chemistry Simon Fraser	Fourier transform infra-red facility * with B.P.Clayman,J.H.Borden,L.K.Peterson, R.K.Pomeroy,K.N.Slessor,D.Hutton(SFU)	9,810	05
Olafson, R.W. Biochem./Microbiol. Victoria	Gas-phase sequencer * with A.T.Matheson, T.W.Pearson,W.W.Kay,T.J.Trust(Victoria), R.C.Miller,J.G.Levi,A.J.Pawson,P.D.Bragg, M.Smith,D.E.Vance,R.T.A.MacGillivray,G.Mauk, R.S.Molday(UBC)D.L.Baillie,M.J.Smith, B.M.Honda(SFU)	133,883	02
Oldham, W.K. Civil Engineering British Columbia	Mobile pilot-scale biological sewage treatment plant * with D.S.Mavinic(UBC)	140,000	06
Peltier, W.R. Physics Toronto	MV10,000 minicomputer for climatology and geophysical fluid dynamics * with H.R.Cho, J.R.Drummond,C.A.Lin,R.List(Toronto)	201,570	17
Peterson, R.L. Botany & Genetics Guelph	Transmission electron microscope with scanning attachment and energy dispersive spectrometer * with J.Robb,B.C.Lu,D.Lynn(Guelph)	178,140	03
Reynolds, W.F. Chemistry Toronto	High field multinuclear NMR spectrometer * with B.Bosnich,A.G.Brook,D.H.Farrar,J.B.Jones, G.A.Kenney-Wallace,R.H.Kluger,A.J.Kresge, R.A.McClelland,S.McLean,R.H.Morris,J.Powell, T.T.Tidwell,P.Yates(Toronto)	275,000	05

2.2 Major Equipment Grants (continued)/Subventions pour appareils spéciaux (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Rudin, A. Chemical Eng. Waterloo	Mechanical spectrometer * with K.F.O'Driscoll(Waterloo)	266,375	04
Scoles, G. Chemistry Waterloo	Combined atomic beam, photoelectron and photodesorption spectrometer for chemical dynamics studies of molecular overlayers * with T.E.Gough,J.W.Hepburn,N.R.Isenor(Waterloo)	270,000	05
Setterfield, G. Biology Carleton	Twin objective lens advanced research electron microscope * with D.L.Brown(Ottawa),P.E.Lee, M.E.McCully,R.W.Seagull(Carleton)	260,000	02
Steer, R.P. Chemistry Saskatchewan	200 MHz NMR spectrometer * with G.D.Abrams, J.R.Dimmock,E.M.Hawes,C.C.Lee,K.K.Midha, J.M.Pepper,J.W.Quail,J.B.Senior(Sask.)	274,814	05
Stewart, J.W.B. Soil Science Saskatchewan	Mass spectrometer * with J.R.Bettany, D.W.Anderson,D.A.Rennie(Sask.)	165,000	03
Stroink, G. Physics Dalhousie	Helium liquefier * with B.L.Blackford, R.A.Dunlap,M.H.Jericho,D.L.Hooper, M.A.White(Dalhousie)	169,000	15
Taylor, D.R. Physics Queen's	Dilution refrigerator system for neutron scattering * with R.L.Armstrong,M.F.Collins, J.P.Harrison,J.H.Page(Queen's)	206,660	15
Trischuk, J.M. Physics McGill	Computer for McGill experimental high energy physics group * with S.Conetti,c.Leroy, P.M.Patel,D.G.Ryan,D.G.Stairs(McGill)	270,992	23
Valleau, J.P. Chemistry Toronto	Mini-computer for theoretical chemistry calculations * with P.W.Brumer,I.G.Csizmadia, R.Kapral,R.A.Poirier,S.G.Whittington(Toronto)	275,000	05
Wasylishen, R.E. Chemistry Dalhousie	High power multinuclear magnetic resonance spectrometer * with B.J.Forrest(Dalhousie)	275,000	05
Weatherly, G. Metal/Mat. Science Toronto	Transmission electron microscope * with B.Ramaswami,K.T.Aust(Toronto)	273,335	04
Weiler, L.S. Chemistry British Columbia	High resolution NMR spectrometer * with R.J.Andersen,W.R.Cullen,D.H.Dolphin,M.D.Fryzuk, B.R.James,J.P.Kutney,S.G.Withers(UBC)	274,980	05
White, P.S. Chemistry New Brunswick	Single crystal X-ray diffractometer and associated computing facilities * with F.Bottomley,J.A.Findlay,N.A.Lewis,J.Passmore, Z.Valenta(UNB)	237,764	05
Young, L. Electrical Eng. British Columbia	Microelectronics equipment * with D.L.Pulfrey(UBC)	201,560	11

2.3 Major Installation Grants/Subventions pour installations spéciales

Name/Nom Department/Département University/Université	Title/Titre	$
Baadsgaard, H. Geology Alberta	Fully automatic high precision mass spectrometer	332,670
Bancroft, G.M. Chemistry Western Ontario	Surface science laboratory	365,800
Bryman, D.A. TRIUMF Victoria	Rare kaon decay spectrometer	429,600
Caplan, H.S. Physics Saskatchewan	Upgrading of Saskatchewan accelerator laboratory	2,500,000
Cercone, N.J. Computing Science Simon Fraser	The Simon Fraser Information-Communication System Experiment: design, uses, impact and evaluation	250,000
Davenport, A.G. Civil Engineering Western Ontario	Boundary layer wind tunnel	450,000
Dostal, J. Geology St-Mary's	1) Nova Scotian regional X-ray fluorescence analytical facility 2) Sample preparation equipment for regional X-ray fluorescence facility	262,528
Goldak, J. Mechanical Engineering Carleton	Attached processor for computer integrated design and manufacturing	451,591
Harrison, A.G. Chemistry Toronto	Mass spectrometry facility	455,328
MacLean, D.B. Chemistry McMaster	High resolution mass spectrometry facility	626,050
Ouellet, Y. Génie civil Laval	Système de calcul pour traitement interactif moyen et lourd en modélisation, simulation et traitement du signal	428,044
Reeves, L. Chemistry Waterloo	Wide bore, high R.F. power, high resolution to solid state multi-nuclear magnetic resonance spectrometer with field gradient coils for diffusion measurement	330,000
Strong, D.F. Earth Sciences Memorial	Inductively coupled plasma/mass spectrometer	269,480
Taras, P. Physique Montréal	The 8 pi spectrometer - a national facility for gamma-ray spectroscopy	2,000,000

2.3 Major Installation Grants (continued)/ Subventions pour installations spéciales (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Thorson, W.R. Chemistry Alberta	Peripheral array processor	282,000
Yelon, A. Génie physique Ecole Polytechnique	Appareillage pour l'analyse des surfaces et des couches minces	600,000

2.4 Infrastructure Grants/Subventions d' infrastructure

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Ackermann, H.W. Microbiologie Laval	Centre de référence pour virus bactériens 3ans - 3e vers.	27,696	02
Armstrong, J.B. Biology Ottawa	University of Ottawa Axolotl Colony 3yr - 3rd Inst.	19,267	02
Austin, G.L. Physics McGill	McGill Radar Weather Observatory * with R.S.Broughton(MacDonald),H.G.Leighton, J.S.Marshall,R.R.Rogers,E.J.Stansbury(McGill) 3yr - 1st Inst.	46,640	17
Banister, E.W. Kinesiology Simon Fraser	Support of environmental physiology unit * with T.J.Smith,S.F.Fadl,D.Goodman,J.B.Morrison, I.Mekjavic,P.Bawa(Simon Fraser)	23,320	01
Bates, G.S. Chemistry British Columbia	Regional mass spectrometry centre 3yr - 1st Inst.	26,500	05
Bennett, G.W. Statistics Waterloo	Statistics Consulting Service * with K.S.Brown, J.D.Kalbfleisch,J.F.Lawless,R.J.MacKay, D.E.Matthews,C.E.Minder,D.A.Sprott, J.C.Young(Waterloo) 3yr - 3rd Inst.	14,450	14
Bochmann, G.V. Infor. & rech opér. Montréal	Laboratoire d' informatique appliquée * avec J.A.Ferland,J.Gecsei,E.Cerny,D.Thalmann, J.Vaucher,N.Stewart,F.Lustman,G.Lapalme, M.A.Florian,P.Bratley,G.Brassard, J.M.Rousseau(Montréal) 3ans - 1er vers.	84,800	07
Boisvert, J. Inst de génie nucl. Ecole Polytechnique	Réacteur "Slowpoke" de l'Ecole Polytechnique 3ans - 3e vers.	57,198	29
Bolton, C.T. Astronomy Toronto	The David Dunlap Observatory Microdensitometer * with J.R.Percy,K.Kamper(Toronto) 3yr - 2nd Inst.	29,460	17
Bregman, A.S. Psychology McGill	Centralized computer system for psychological research * with D.J.Ostry,A.G.Baker, A.A.J.Marley,M.J.Mendelson,D.J.Doehring, P.M.Milner,I.Binik(McGill) 3yr - 1st Inst.	76,320	12
Brooks, C. Geology Montréal	Isotope geology facility * with J.N.Ludden(Montréal),L.Gélinas(Ecole Polytech.) 3yr - 3rd Inst.	36,125	10
Burt, M.D.B. Biology New Brunswick	Comprehensive electron microscopy unit and X-ray analyser equipment * with P.A.Arp, T.W.Bremner,F.B.Cowan,K.Halcrow,H.H.Krause, A.O.Landva,M.H.Schneider,W.D.Seabrook, J.C.White,P.F.Williams,B.Y.Yoo(N.B.) 3yr - 2nd Inst.	42,400	29
Campbell, J.L. Physics Guelph	Nuclear microanalysis and particle-solid interaction laboratory * with R.W.Ollerhead, C.W.Fischer,J.R.MacDonald,W.R.Fawcett, M.Cocivera,A.Mellors,R.S.Gibson(Guelph), J.A.Moore(Brock) 3yr - 1st Inst.	31,800	15

2.4 Infrastructure Grants (continued)/Subventions d'infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Caplan, H.S. Physics Saskatchewan	Saskatchewan electron linear accelerator laboratory * with E.J.Anseldo,J.C.Bergstrom, M.A.Preston,C.Rangacharyulu,Y.M.Shin, D.M.Skopik,E.L.Tomusiak,W.L.Waltz, R.J.Woods(Saskatchewan)	797,884	22
Cardinal, A. Sci. appl./génie Laval	Service d'équipement océanographique 2ans - 1er vers.	75,000	29
Cercone, N.J. Computer Science Simon Fraser	The Simon Fraser information-communication system experiment: Design, uses, impact, and evaluation 2yr - 1st Inst.	60,000	29
Cheng, K.M. Poultry Science British Columbia	Japanese quail genetic stocks 3yr - 2nd Inst.	25,440	02
Cheng, R.M.H. Mechanical Eng. Concordia	Concordia University computer-research and interactive-graphics laboratory (CRIGL) * with S.Sankar,T.S.Sankar,V.S.Hoa,C.Y.Suen,C.W.H.Lam, J.McKay,E.J.Doedel,R.De Mori(Concordia) 3yr - 1st Inst.	43,000	29
Cherry, J.A. Earth Sciences Waterloo	Groundwater research institute, University of Waterloo * with J.F.Barker,R.N.Farvolden, S.K.Frape,E.O.Frind,P.Fritz,R.W.Gillham, J.P.Greenhouse,E.J.Reardon(Waterloo) 3yr - 1st Inst.	59,847	10
Cherry, S. Civil Engineering British Columbia	Seismic simulator - earthquake engineering research grant * with D.L.Anderson,M.Isaacson, N.D.Nathan,R.A.Spencer,S.Stiemer(B.C.) 3yr - 2nd Inst.	26,500	06
Chin, S.L. Physique Laval	Recherches en optique et laser * avec H.H.Arsenault,G.Bedard,P.A.Belanger,A.Boivin, G.Boivin,C.A.Delisle,J.R.Izatt,R.A.Lessard, M.M.Denariez-Roberge,R.Tremblay(Laval) 3ans - 1er vers.	63,600	15
Cooke, F. Biology Queen's	Intrastructure support for Queen's University Tundra Biology Station * with R.L.Jefferies(Toronto),C.D.Ankney(Western Ontario),B.N.White(Queen's), G.A.Wobeser(Saskatchewan) 3yr - 1st Inst.	26,920	18
Covvey, H.D.J. Computer Science Toronto	Laboratory for computational medicine * with J.Mylopoulos,A.Fournier,A.O.Mendelzon, J.K.Tsotsos,D.G.Corneil(Toronto)	33,920	07
Crawford, R.J. Chemistry Alberta	Alberta high field NMR centre 3yr - 2nd Inst.	31,800	05
Csörgő, M. Math/Statistics Carleton	Research centre for probability and statistics * with D.A.Dawson(Carleton),C.M.Deo(Ottawa), J.N.K.Rao(Carleton) 3yr - 1st Inst.	26,500	14
Davenport, A.G. Fac. of Eng. Sci. Western Ontario	Research in wind engineering * with B.J.Vickery,N.Isyumov,M.Novak,D.Surry, T.E.Base(Western Ontario) 3yr - 3rd Inst.	34,921	06

2.4 Infrastructure Grants (continued)/Subventions d'infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
De Leeuw, J.H. Aerospace Studies Toronto	Dynamic vacuum facilities * with J.B.French, A.A.Haasz.J.S.Hansen,P.C.Stangeby, R.C.Tennyson(Toronto)	30,700	13
Demers, S.H. Physique Montréal	Observatoire astronomique du Mont Mégantic * avec P.Bastien,G.Fontaine,J.Glaspey,G.Michaud, A.F.J.Moffat,D.Nadeau,F.Wesemael(Montréal), E.F.Borra,.J.Hardy,S.Pineault,J.R.Roy(Laval) 3ans - 1er vers.	147,340	17
Denzel, G.E. Mathematics York	Statistical consulting center * with M.Ornstein,M.L.Friendly,G.A.Monette,J.D.Fox, D.L.Tanny,G.L.O'Brien,P.H.Peskun(York)	10,647	14
Deutsch, E.R. Earth Sciences Memorial	Superconducting rock magnetometer unit * with J.P.Hodych,G.Murthy(Memorial) 3yr - 1st Inst.	26,850	10
Dickson, J.I. Génie métall. Ecole Polytechnique	Laboratoire de caractérisation microscopique des matériaux * avec G.L'Esperance, J.P.B.Bailon,J.M.Dorlot,M.A.J.Rigaud,F.Ajersch, D.L.Piron(Ecole Polytech.) 3ans - 2e vers.	21,200	04
Diosady, L.L. Chemical Eng. Toronto	Operation of Central Analytical Facility * with D.G.B.Boocock,C.R.Phillips,M.J.Phillips, M.R.Piggott,S.Sandler,M.V.Sefton,J.W.Smith, M.Wayman,H.L.Williams,D.Mackay,R.E.Jervis, W.F.Graydon(Toronto) 3yr - 1st Inst.	31,800	04
Dostal, J. Geology Saint Mary's	Regional X-ray fluorescence analytical facility * with S.M.Barr,R.P.Raeside(Acadia), D.B.Clarke,R.A.Jamieson,G.K.Muecke, M.Zentilli(Dalhousie),R.F.Cormier(St.Francis Xavier),C.M.Elson(Saint Mary's), D.J.Mossman(Mount Allison) 2yr - 1st Inst.	14,000	28
Drummond, J.R. Physics Toronto	Atmospheric physics remote job entry facility * with H.-R.Cho,W.R.Peltier,C.A.Lin,R.List, R.E.Stewart(Toronto) 3yr - 1st Inst.	57,240	17
Fernie, J.D. Astronomy Toronto	University of Toronto Telescope in Chile * with R.F.Garrison(Toronto) 3yr - 2nd Inst.	130,380	17
Fournier, R.O. Oceanography Dalhousie	Aquatron laboratory 3yr - 3rd Inst.	124,767	28
Gilmore, P.C. Computer Science British Columbia	UBC Computer Science Research Laboratory * with H.D.Abramson,S.T.Chanson,J.E.L.Peck(B.C.) 3yr - 2nd Inst.	68,370	07
Harrison, J.P. Physics Queen's	Millikelvin Laboratory * with J.G.Daunt(Queen's) 3yr - 1st Inst.	37,100	15
Haykin, S. Elec. & Comp. Eng. McMaster	Communications Research Laboratory * with C.K.Campbell,C.R.Carter,D.P.Taylor,K.M.Wong, P.Yip(McMaster) 3yr - 1st Inst.	19,928	11

2.4 Infrastructure Grants (continued)/Subventions d'infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Holmes, J.L. Chemistry Ottawa	Mass spectrometry centre * with J.Apsimon, F.Wightman,H.Yamazaki(Carleton),H.Alper, M.Kates,J.T.Arnason,P.D.Hrdina(Ottawa) 3yr - 2nd Inst.	26,500	05
Idler, D.R. Mar. Sc. Res. Lab Memorial	Marine Sciences Research Laboratory 3yr - 2nd Inst.	281,430	29
Jackson, K.R. Computer Science Toronto	Scientific computing laboratory * with N.A.Derzko,W.H.Enright,A.Fournier,T.E.Hull, E.Kaltofen,P.Keast,R.Mathon(Toronto) 3yr - 1st Inst.	62,500	07
Jervis, R.E. Chemical Eng. Toronto	Utilization of Toronto Slowpoke reactor facility in research and teaching 3yr - 3rd Inst.	57,198	29
Jones, W.E. Chemistry Dalhousie	Atlantic Region Magnetic Resonance Centre 3yr - 2nd Inst.	31,800	05
Kaliaguine, S. Génie chimique Laval	Analyse de surfaces: ESCA-AUGER-SIMS-ISS * avec R.Angers,M.Baril,J.D.Carette, J.F.A.Galibois,E.Ghali,M.R.Krishnadev, R.E.Prud'homme,P.C.Roberge,D.Roy(Laval) 3ans - 1er vers.	47,700	04
Kamphuis, J.W. Civil Engineering Queen's	Computer support facility of coastal engineering laboratory * with A.Brebner, M.S.Yalin(Queen's) 3yr - 2nd Inst.	30,634	06
Kerrich, R. Geology Western Ontario	Running light stable isotope and spark source mass spectrometry labs * with W.S.Fyfe, B.I.Kronberg(Western Ontario) 3yr - 1st Inst.	31,800	10
King, J.D. Physics Toronto	Nuclear astrophysics and nuclear physics with the JN accelerator * with T.E.Drake, A.E.Litherland(Toronto)	75,000	22
Kuehner, J.A. Physics McMaster	Nuclear data project	34,980	22
Kuehner, J.A. Physics McMaster	McMaster tandem accelerator * with D.G.Burke, J.A.Cameron,J.A.Davies,A.A.Pilt,R.G.Summers-Gill,D.A.Thompson,J.C.Waddington(McMaster), W.P.Alford(Western Ontario),T.E.Drake,J.D.King, J.M.Perz(Toronto),E.E.Habib(Windsor),J.L.Hunt, J.R.MacDonald,J.J.Simpson(Guelph), R.G.Korteling,D.E.Nelson(Simon Fraser)	710,200	22
LeDrew, E.F. Geography Waterloo	Maintenance and technical support for an image analysis facility * with D.K.Erb,A.B.Kesik, R.T.Newkirk(Waterloo)	26,500	10
Lee, J.K.P. Physics McGill	The McGill synchrocyclotron facility * with J.E.Crawford,J.J.Hogan,J.E.Kitching,S.K.Mark, R.B.Moore,L.Yaffe,Y.L.Yamamoto(McGill)	508,800	22
Lenkinski, R. Chemistry Guelph	Southwestern Ontario NMR Center 3yr - 3rd Inst.	36,125	05

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Leslie, J.R. Physics Queen's	Queen's University Van de Graaff Laboratory * with H.C.Evans,G.T.Ewan,A.Henrikson, J.D.MacArthur,H.Mak,W.McLatchie,B.C.Robertson, B.W.Sargent,P.J.Scanlon(Queen's)	323,300	22
Lessard, L. Physique Montréal	Fonctionnement du laboratoire de physique nucleaire * avec C.J.J.Brassard,W.Del Bianco, P.H.M.Depommier,H.Jeremie,J.L'Ecuyer,J-P.Martin,S.Monaro,P.Taras,R.Groleau(Montréal)	503,500	22
List, R. Physics Toronto	Engineering support for operation of cold rain and hail simulator facility 2yr - 2nd Inst.	39,883	17
Litherland, A.E. Physics Toronto	ISOTRACE Laboratory * with R.M.Farquhar, J.C.Rucklidge(Toronto) 2yr - 2nd Inst.	190,800	29
Littlepage, J.L. Biology Victoria	Operation of the MSSV John Strickland 1983-84	90,000	29
MacEwen, G.H. Comp. & Info. Sc. Queen's	Centre for reliable software * with D.T.Barnard,R.G.Crawford,I.A.Macleod,S.G.Akl, R.D.Tennent,M.A.G.Jenkins,J.I.Glasgow, J.H.Kulick(Queen's) 3yr - 1st Inst.	61,480	07
MacNeill, I.B. Stat. & Actuar. Sc Western Ontario	Statistical laboratory (Statlab) * with A.Donner,G.A.Wells,M.M.Ali,D.R.Bellhouse, B.Chan,M.S.Haq,V.M.Joshi,R.J.Kulperger, A.I.McLeod(Western Ontario) 3yr - 1st Inst.	31,800	14
Manring, E.G. Computer Science Waterloo	Institute for Computer Research * with K.S.Booth,J.D.Dyment,M.I.Elmasry,K.D.Geddes, J.W.Graham,M.A.Malcolm,J.W.Wong, A.K.C.Wong(Waterloo) 3yr - 1st Inst.	385,000	29
Marsland, T.A. Computer Science Alberta	Computer architecture research facility * with S.Dasgupta,L.K.Schubert,P.J.Voda,F.Chin, J.Tartar,W.A.Davis,R.W.Heuft, L.W.Jackson(Alberta) 3yr - 2nd Inst.	72,716	07
Martin, P.G. Astronomy Toronto	Canadian Institute for Theoretical Astrophysics * with Summers,Dyer,Israel, Clement,Moffat,Wong,Duncan,Roeder(Toronto), Henriksen,Lake,Chau(Queens),Hartwick, Cooperstock(Victoria),Collins, Wainwright(Waterloo),Marlborough(Western), Glass(Windsor),Innanen(York),Fahlman(UBC), Sreenivasan(Calgary),Wesson(Alberta), Pineault(Laval),Mitchell(St. Mary's) and others	150,000	29
Masry, S.E. Surveying Eng New Brunswick	Digital mapping laboratory * with E.E.Derenyi, J.D.McLaughlin,J.M.DeDourek,B.J.Kurz(N.B.) 3yr - 2nd Inst.	42,400	06
McIntyre, N.S. Physics Western Ontario	Surface science laboratory at University of Western Ontario (Surface Science Western) 2yr - 1st Inst.	50,000	29

2.4 Infrastructure Grants (continued)/Subventions d'infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
McKee, J.S.C. Physics Manitoba	Grant to operate a major installation in nuclear physics at University of Manitoba Spiral Ridge Cyclotron * with Barber, Billinghurst,Brockman,Davison,Duckworth,Falk, Jovanovich,Kao,Konopasek,McCamis,Oh,Pinsky, Samoiloff,Sharma,Standing,Sutherland,Van Oers, Osborn,Svenne,Wilk(Manitoba)	639,180	22
Meerovitch, E. Parasitology Macdonald Coll.	Experimental parasitology * with M.A.Curtis, G.M.Faubert,M.E.Rau,M.E.Scott, C.E.Tanner(MacDonald College) 3yr - 1st Inst.	38,160	01
Moon, T.W. Huntsman Marine	Huntsman Marine Laboratory 2yr - 1st Inst.	195,500	29
Moore, T.R. Geography McGill	McGill Subarctic Research Station * with W.P.Adams(Trent),R.Knowles,D.J.Lewis(Macdonald College),J.H.Bradbury,M.J.Lechowicz,J.E.Lewis, T.C.Meredith,J.T.Parry,R.K.Wright(McGill)	47,700	29
Moo-Young, M. Chemical Eng. Waterloo	Fermentation pilot plant facility 3yr - 2nd Inst.	21,200	04
Morissette, S. Génie électrique Sherbrooke	Centre d'acquisition et de traitements de données (CADET) * avec J-P.Adoul,N.Boutin, D.Dalle,J.Soumagne,N.Galanis,M.I.Boulos, G.Lefebvre(Sherbrooke) 3ans - 1er vers.	16,960	11
Morrison, J.A. Inst. for Mat. Res McMaster	Materials research facilities * with I.D.Brown, C.K.Campbell,M.F.Collins,W.R.Datars,P.T.Dawson, J.D.Embury,B.K.Garside,J.E.Greedan, A.P.Hitchcock,C.J.L.Lock,K.J.Lushington, G.R.Purdy,W.W.Smeltzer,D.A.Thompson, D.S.Wilkinson(McMaster) 2yr - 1st Inst.	159,000	29
Neale, K.W. Génie civil Sherbrooke	Comportement biaxial des métaux * avec D.Lefebvre(Sherbrooke) 3ans - 2e vers.	26,500	06
Neilson, G.C. Physics Alberta	University of Alberta CN van de Graaff * with D.M.Sheppard,W.K.Dawson,W.C.Olsen,W.J.McDonald, J.M.Cameron(Alberta)	159,000	22
Newborn, M. Computer Science McGill	Computer science research facilities * with D.Avis,G.V.Cormack,L.Devroye,N.Friedman, R.N.S.Horspool,T.H.Merrett,C.C.Paige,D.Therien, G.T.P.Toussaint(McGill) 3yr - 1st Inst.	70,800	07
Offenberger, A.A. Electrical Eng. Alberta	KrF laser facility * with R.Fedosejevs, D.C.D.McKen(Alberta),A.K.H.Ng(British Columbia),C.E.Capjack(Alberta) 3yr - 1st Inst.	67,400	15
Oldham, W.K. Civil Engineering British Columbia	Environmental Engineering Instrumentation Facility * with D.S.Mavinic,J.W.Atwater, K.J.Hall(British Columbia) 3yr - 1st Inst.	57,240	06

2.4 Infrastructure Grants (continued)/Subventions d'infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Pépin, H. INRS - Energie Québec - INRS	Facilité d'intéraction laser-matière * avec F.Martin,T.W.Johnston,P.Lavigne, B.Terreault(Univ. du Qué.-INRS),S.Chin(Laval) 3ans - 1er vers.	31,800	15
Phan, L.C. Sc. appliquées Québec-Chicoutimi	Soufflerie réfrigérée permettant la simulation du givre et du verglas * avec P.McComber, J.L.Laforte(Univ. du Qué.-Chicoutimi) 3ans - 1er vers.	14,734	11
Rhodes, E. Chemical Eng. Waterloo	Facility for software and hardware development in chemical engineering research * with G.R.Sullivan,A.Rudin,C.M.Burns,K.F.O'Driscoll, M.Moo-Young,P.L.Silveston,R.R.Hudgins,C.E.Gall, G.S.Mueller(Waterloo) 3yr - 1st Inst.	31,800	04
Richard, P.J.H. Géographie Montréal	Laboratoire de Palynologie de l'Université de Montréal * avec P.Gangloff,J.T.Gray(Montréal)	42,400	18
Robertson, R.J. Biology Queen's	Queen's University Biological Station * with P.W.Colgan,J.A.Keast,R.D.Montgomerie(Queen's), S.C.H.Barrett(Toronto),M.R.Gross(Simon Fraser), P.J.Weatherhead(Carleton) 3yr - 1st Inst.	18,100	18
Rousseau, J.M. Ctr rech. transports Montréal	Laboratoire d'infographie appliquée aux transports du Centre de recherche sur les transports (CRT) * avec G.Lapalme,J.A.Ferland, M.A.Florian,S.Nguyen,F.Soumis(Montréal), K.G.Baass,R.Chapleau(Ecole Polytechnique), J.Roy(Univ. du Qué.-Montréal) 3ans - 1er vers.	19,780	20
Rudin, A. Chemistry Waterloo	University of Waterloo Polymer Characterization Group * with K.F.O'Driscoll(Waterloo) 3yr - 1st Inst.	31,800	04
Ryan, D.E. Chemistry Dalhousie	Dalhousie University Slowpoke Reactor 3yr - 3rd Inst.	57,198	29
Sanderson, K.E. Biology Calgary	Maintenance of the Salmonella genetic stock centre 3yr - 2nd Inst.	25,440	02
Sankoff, D. Centre de rech math Montréal	Centre de recherche de mathématiques appliquées-infrastructure * avec H.Crapo, M.C.Delfour,A.Kotzig,A.Z.Manitius,J.Patera, I.G.Rosenberg,A.Royer,C.M.Van Vliet, P.Winternitz(Montréal)	60,000	29
Schledermann, P. Archaeology Calgary	Kluane Lake Research Station * with G.K.C.Clarke,C.J.Krebs,A.R.E.Sinclair, J.N.M.Smith,G.G.E.Scudder(British Columbia), P.G.Johnson(Ottawa),S.A.Harris(Calgary)	58,300	29
Schloessin, H.H. Geophysics Western Ontario	High pressure facility equipped to measure physical properties at high p and t * with A.E.Beck(Western Ontario) 3yr - 1st Inst.	26,500	10

2.4 Infrastructure Grants (continued)/Subventions d'infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Scoles, G. Chemistry Waterloo	Canadian resource for molecular beam instrumentation * with T.E.Gough,J.W.Hepburn, N.R.Isenor(Waterloo)	15,900	05
Scott, R.N. Bio-Eng. Institute New Brunswick	Bio-Engineering Institute * with D.F.Lovely, R.E.Gander,P.A.Parker,R.Balasubramanian, E.R.Gozna,D.D.Smith,C.M.Bothwell-Myers, G.K.Reynolds(New Brunswick) 3yr - 1st Inst.	14,840	11
Seguin, H.J.J. Electrical Eng. Alberta	Laser-materials processing 3yr - 1st Inst.	18,338	11
Serpone, N. Chemistry Concordia	Canadian picosecond laser flash photolysis centre (CPLFP Centre) * with Langford(Concordia),Durocher,Gravel(Montréal), Leblanc(Univ. du Qué.-Trois-Riv.), Hollebone(Carleton),Poe(Toronto),Lever(York), Rumfeldt(Windsor),Waltz(Sask.),Chow(Simon Fraser),Porter,Dolphin(B.C.),Kirk(Victoria) 3yr - 2nd Inst.	26,500	05
Shuter, W.L.H. Physics British Columbia	UBC millimetre wave telescope * with W.H.McCutcheon(British Columbia)	38,020	17
Skuce, D. Computer Science Ottawa	Support for senior systems analyst/programmer * with L.Birta,T.Y.Cheung,L.Logrippo, S.J.Matwin,S.I.Omar,T.I.Oren,R.L.Probert, J.Raymond,G.M.White(Ottawa) 3yr - 1st Inst.	33,900	07
Slobodrian, R.J. Physique Laval	Laboratoire de l'accélérateur Van de Graaff de l'Université Laval * avec B.Cujec,R.Drouin, E.J.Knystautas,R.Roy,C.St-Pierre, I.M.Szöghy(Laval)	434,600	22
Smeltzer, W.W. Metal/Mat. Science McMaster	Surface chemical analysis microprobe (SAM, SIMS, XPS) * with P.T.Dawson,A.P.Hitchcock, M.B.Ives,P.S.Nicholson,G.R.Purdy,D.A.Thompson, D.S.Wilkinson(McMaster) 3yr - 2nd Inst.	26,500	29
Smith, D.R. Chemistry McMaster	McMaster Nuclear Reactor 3yr - 1st Inst.	575,000	29
Sorenson, P.G. Computer Science Saskatchewan	Computer research facility * with R.B.Bunt, C.J.Colbourn,M.J.Colbourn,G.I.McCalla, J.P.Tremblay(Saskatchewan) 3yr - 1st Inst.	52,000	07
Srivastava, K.D. Electrical Eng. Waterloo	High voltage electrical insulation research laboratory * with J.D.Cross,R.G.Van Heeswijk(Waterloo) 3yr - 1st Inst.	12,720	11
Stephens-Newsham, L.G. Pharm./Pharmac. Sc Alberta	University of Alberta Slowpoke II Reactor 3yr - 3rd Inst.	57,198	29
St-Jacques, M.R. Chimie Montréal	Laboratoire regional de RMN à haut champ * avec A.S.Perlin(McGill), J.K.Saunders(Sherbrooke), L.D.Colebrook(Concordia) 3ans - 2e vers.	31,800	05

2.4 Infrastructure Grants (continued)/Subventions d' infrastructure (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Stokes, P.M. Botany Toronto	Operation and maintenance of an inductively coupled argon plasma emission spectrograph * with G.M.Anderson,T.C.Hutchinson,W.Kalow, D.R.McLachlan,E.T.C.Spooner,J.C.Van Loon(Toronto) 3yr - 2nd Inst.	18,020	21
Taylor, F.J.R. Oceanography British Columbia	North East Pacific Culture collection, oceanography, University of British Columbia * with R.J.Andersen,P.J.Harrison,A.G.Lewis, T.R.Parsons,J.C.Acreman(B.C.) 3yr - 2nd Inst.	25,440	18
Tlusty, J. Mechanical Eng. McMaster	Computer aided design and manufacturing laboratories * with M.A.Dokainish, H.A.ElMaraghy,R.Kitai,W.R.Newcombe,J.N.Siddall, N.K.Sinha(McMaster) 3yr - 2nd Inst.	5,936	13
Topper, T.H. Civil Engineering Waterloo	Data collection, processing and control facility * with D.J.Burns,R.Green,R.C.G.Haas, H.R.Martin,R.J.Pick,J.Schroeder(Waterloo) 3yr - 1st Inst.	37,100	06
Tsichritzis, D. Computer Science Toronto	Computer Systems Research Group Laboratory * with Baecker,Boulton,Buxton,Covvey,Fournier, Gotlieb,Graham,Hehner,Holt,Hull,Lamb,Lee, Lochovsky,Mendelzon,Molle,Mylopoulos,Perrault, Sedra,Sevcik,Smith,Tsotsos,Wortman(Toronto) 3yr - 2nd Inst.	116,300	29
Unger, B.W. Computer Science Calgary	University of Calgary Programming Environment Project (PEP) Facility * with D.S.Bidulock, G.M.Birtwistle,A.W.Colijn,R.E.George,D.R.Hill, T.P.Keenan,J.R.Parker,J.Rokne,R.Vasudevan, I.H.Witten,B.Wyvill(Calgary) 3yr - 2nd Inst.	32,860	29
Venkatesan, D. Physics Calgary	Neutron monitor facility at Calgary * with T.Mathews(Calgary) 3yr - 3rd Inst.	13,246	17
Watkinson, A.P. Chemical Eng. British Columbia	The University of British Columbia coal research centre * with J.R.Grace,N.Epstein, C.J.Lim,W.H.Mathews,R.M.Bustin,J.K.Brimacombe, E.Peters,A.C.D.Chaklader,R.L.Evans(British Columbia) 2yr - 1st Inst.	25,200	29
Webster, J.M. Bamfield Mar. Stn. Victoria	Bamfield Marine Station 2yr - 1st Inst.	190,000	29
Wehlau, W.H. Astronomy Western Ontario	The University of Western Ontario Astronomical observatory * with D.F.Gray,J.D.Landstreet, J.M.Moorhead,A.F.Wehlau(Western Ontario) 3yr - 3rd Inst.	19,267	17
Weinberg, F. Metallurgical Eng. British Columbia	Electron optics laboratory technician 3yr - 1st Inst.	32,012	04

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Wood, G.W. Chemistry Windsor	National field desorption mass spectrometry facility * with J.W.ApSimon(Carleton), W.A.Ayer(Alberta),A.G.Fallis(Memorial), J.A.Findlay(New Brunswick),M.Kates(Ottawa), J.F.King(Western Ontario), D.B.MacLean(McMaster),J.M.Miller(Brock) 3yr - 1st Inst.	10,600	05

3. UNIVERSITY-INDUSTRY PROGRAM

3. PROGRAMME CONJOINT UNIVERSITES-INDUSTRIE

3.1 Cooperative R & D Activities/Activités conjointes de R et D

3.1.1 Cooperative R & D Projects (includes PRAI Grants)/ Projets de R et D coopérative (comprend les subventions PRAI)

Name/Nom Department/Département University/Université	Title/Titre	$
Amram, M. Physique Ecole Polytechnique	Développement d'un écran ajouré déphaseur (avec Spiro Vibro Acoustique Inc., Laval, Québec)	87,900
Bassim, M.N. Metal. Sci. Lab. Manitoba	Continuous surveillance of large structures with acoustic emission (with: 1) Ontario Hydro, Toronto, Ontario 2) Petro Canada, Calgary, Alberta)	56,500
Brimacombe, J.K. Metallurgical Eng. British Columbia	Improvement in the design and operation of coke-oven flues using physical and mathematical models (with Stelco Inc., Hamilton, Ontario)	98,000
Brown, J.D. Eng. Science & Chemical Physics Western Ontario	Three-dimensional dopant profile characterization in semi-conductor devices using secondary ion mass spectrometry (with Bell-Northern Research Ltd., Ottawa, Ontario)	81,000
Bui, R.T. Sciences appliquées UQAC	Modélisation du four à feux mobiles (avec Alcan International Ltée, Jonquière, Québec)	63,600
Caley, W.F. Mining, Met. Eng. TUNS	Reduction of chemical corrosion in transfer ladles by application of a basic oxide ceramic coating (with Sydney Steel Corporation, Sydney, Nova Scotia)	18,500
Camarero, R. Mathématiques appliquées Ecole Polytechnique	Calcul numérique d'écoulement en turbomachine (avec les Ateliers d'ingénierie Dominion Ltée, Montréal, Québec)	58,000
Campbell, T.I. Civil Eng. Queen's	Precast prestressed concrete railway bridge ties (with: 1) Can. National Railway, Montréal, Québec 2) Can. Pacific Railway, Montréal, Québec 3) Can. Prestressed Concrete Institute, Ottawa, Ontario 4) Stanley Structures Ltd., Belleville, Ontario)	10,500
Chaklader, A.C.D. Metallurgical Eng. British Columbia	Model composite refractories (with Clayburn Refractories Ltd., Abbotsford, British Columbia)	36,000
Conway, B.E. Chemistry Ottawa	Techniques for optimization and evaluation of performance of fluorine generating anodes (with Eldorado Resources Ltd., Ottawa, Ontario)	119,000
Craggs, A. Mechanical Eng. Alberta	Development of a computational model to aid the balancing of turbo-generator sets (with: 1) Trans-Alta Utilities Corp., Calgary, Alberta 2) Alberta Power Ltd., Edmonton, Alberta)	66,800
Dealy, J.M. Chemical Eng. McGill	Origins of tack force during ink film splitting (with Canada Printing Ink, Toronto, Ontario)	24,000
Etkin, B. Inst. for Aerospace Studies Toronto	Research on a novel particle classifier (with W.S. Tyler Company of Canada, Ltd., St. Catharines, Ontario)	55,000

3.1.1 Cooperative R & D Projects (includes PRAI Grants)(continued)/ Projects de R et D coopérative (comprend les subventions PRAI)(suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Finn, W.D.L. Soil Dynamics British Columbia	Liquefaction probability (with Klohn Leonoff Consulting Eng. Richmond, British Columbia)	32,000
Frecker, R.C. Biomedical Eng. Toronto	Development of a helmet-mounted eye tracker, (with CAE Electronics Ltd., Montréal, Québec)	128,000
Gruzleski, J.E. Min. & Metal. Eng. McGill	The optimization and control of the modification of Al-Si alloys by strontium (with Chromasco Ltd., Toronto, Ontario)	69,370
Hoa, S.V. Mechanical Eng. Concordia	Stress analysis for optimum design of fiberglass reinforced plastics vessels (with CPF Dualam Ltd., Montréal, Québec)	52,200
Hode Keyser, J. Génie civil Ecole Polytechnique	Matériaux routiers: Economie de l'énergie et conservation des ressources (avec Les constructions Desourdy Inc., Longueuil, Québec)	26,000
Hoeppner, D.W. Applied Sci. & Eng. Toronto	Fatigue and wear-related research applied to solving gas turbine problems (with Pratt & Whitney Aircraft of Canada Ltd., Longueuil, Québec)	38,800
Huck, P.M. Civil Eng. Alberta	Development of a new process for removal of radium - 226 from uranium tailings decants (with Cluff Mining, Saskatoon, Saskatchewan)	22,750
Langford, C.H. Chemistry Concordia	Analysis methods for control of indoor air pollutants (with Technitrol Canada Ltd., Dorval, Québec)	60,890
Lee, E.S. & Boulton, P.I.P. Electrical Eng. Toronto	Hubnet development (with Canada Wire and Cable Ltd., Canstar Communications Division, Scarborough, Ontario)	427,896
Mathews, J.F. Chemistry & Chemical Eng. Saskatchewan	Catalytic conversion of renewable and unconventional oils to fuels and chemical feedstocks (with Enersearch, Saskatoon, Saskatchewan)	55,475
McLane, P.J. Electrical Eng. Queen's	VLSI implementation of viterbi processor for wideband serial adaptive HF modem (with Miller Communications Systems Ltd., Kanata, Ontario)	44,800
Mirza, M.S. Civil Eng. & Applied Mech. McGill	Precast prestressed concrete railway bridge ties (with: 1) Can. National Railway, Montréal, Québec 2) Can. Pacific Railway, Montréal, Québec 3) Can. Prestressed Concrete Institute, Ottawa, Ontario 4) Stanley Structures Ltd., Belleville, Ontario)	16,500
Morris, D.R. Chemical Eng. New Brunswick	Electrochemical sensor for monitoring of zinc (with Brunswick Mining & Smelting Corporation Ltd., Fredericton, New Brunswick)	33,000

3.1.1 Cooperative R & D Projects (includes PRAI Grants) (continued)/ Projects de R et D coopérative (comprend les subventions PRAI) (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Ozin, G.A. Lash Miller Chemical Lab. Toronto	Torrovap and Torrostat, metal vapour synthesis equipment (with TORROVAP Industries Inc. Toronto, Ontario)	22,000
Parsons, R.R. Physics British Columbia	Process control and target design for reactive planar magnetron sputtering (with: 1) Modern Products, Victoria, British Columbia 2) Ener-Guard Energy Products Inc., Oakville, Ontario)	8,475
Parsons, R.R. Physics British Columbia	Development of a prototype product based on new-planar magnetron invention (with: 1) Corona Vacuum Coaters, Inc., Vancouver, British Columbia 2) Identicard Ltd., Toronto, Ontario)	64,000
Penstone, S.R. Electrical Eng. Queen's	VLSI Implementation Coordinating Office	26,216
Provan, J.W. Mechanical Eng. McGill	The reliability assessment of large cast steel castings (with Dominion Engineering Works Ltd., Montréal, Québec)	30,000
Salama, C.A.T. Electrical Eng. Toronto	Computer-aided design automation system for integrated circuits (with Linear Technology Inc., Burlington, Ontario)	77,000
Schreiber, H.P. Chemical Eng. Ecole Polytechnique	Performance optimization in polymeric materials (with: 1)Carlew Chemicals Inc., St. Remi, Québec 2) Celanese Canada Ltd., Montréal, Québec 3) C.I.L. Inc., Willowdale, Ontario 4) Dow Chemical Canada Ltd., Sarnia, Ontario 5) Shell Canada Chemical Co., Toronto, Ontario)	61,900
Schwarz, K.-P. Surveying Eng. Calgary	Integration of the inertial survey and the global positioning system for offshore applications (with Nortech Surveys, Calgary, Alberta)	50,000
Spink, D.R. & Sullivan, G.R. Chemical Eng. Waterloo	Design improvement for direct spray gas - liquid contacting units (with Stelco Inc., Hamilton, Ontario)	129,700
Strom-Olsen, J.P. Physics McGill	The development of high permeability low loss ferromagnetic metallic glasses for use in induction magnetometers (with SYGEO, Montréal, Québec)	14,750
Swift, G.W. Electrical Eng. Manitoba	Overcurrent relay (with Westinghouse Canada Inc., Hamilton, Ontario)	58,750
Szabados, B. Electrical Eng. McMaster	Electromagnetic field methodology as applied to power devices (with Westinghouse Canada Inc., Hamilton, Ontario)	101,000
Tinawi, R. Génie civil Ecole Polytechnique	Logiciels pour le dimensionnement asismique des structures (avec Montreal Engineering Co. Ltd., Montréal, Québec)	47,960

3.1.2 Shared Equipment and Facilities/Installations et appareils conjoints

Name/Nom Department/Département University/Université	Title/Titre	$
Hoeppner, D.W. Mechanical Eng. Toronto	Fatigue, wear, and thermomechanical fatigue behaviour of gas turbine materials and components (with Pratt & Whitney Canada Inc., Mississauga, Ontario)	132,000
Hyne, J.B. Chemistry Calgary	Studies on sulphur and sulphur compounds involved in Canadian sour natural gas and heavy oil industries (with Alberta Sulphur Research Ltd., Calgary, Alberta)	212,200

3.1.3 Industrial Research Chairs/Professeurs-chercheurs industriels

Name/Nom Department/Département University/Université	Purpose/But	$
Wilson, F. Engineering New Brunswick	Industrial Professorship in Nuclear Engineering (with New Brunswick Electric Power Commission, Fredericton, New Brunswick)	90,000

3.1.4 Senior Industrial Fellowships/Bourses de stages industriels

Name/Nom	Location of Tenure/ Endroit de validité	Field of Research/ Domaine de recherche
Baines, W.D.	Hatch Associates Ltd. Toronto, Ontario	Mechanical Engineering
Currie, J.	Bell-Northern Research Ottawa, Ontario	Génie physique
Eaton, D.R.	Brucker Spectrospin Ltd. Mississauga, Ontario	Chemistry
Guernier, C.	Gaz Métropolitain Montréal, Québec	Génie mécanique
Peppard, L.E.	Northern Telecom Ltd. Ottawa, Ontario	Electrical Engineering
Probert, R.L.	Bell-Northern Research Ottawa, Ontario	Computer Science
Sankar, S.	Bombardier Limited Valcourt, Québec	Mechanical Engineering
Syrett, B.A.	Bell-Northern Research Ottawa, Ontario	Electronics
Whitmore, M.	Xerox Research Centre of Canada Mississauga, Ontario	Physics

3.2 Scholarships and Fellowships / Bourses de recherche

3.2.1 Industrial Undergraduate Summer Research Awards/ Bourses de recherche d'été (1er cycle) en milieu industriel

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Agopyan, Irma	Lynn & Johnston Labs. Inc.	Chemistry
Alexander, Jeffrey	Color Your World Inc.	Chemical Engineering
Allan, James	ERCO Industries Ltd.	Engineering
Arcand, Yves	Shell Canada Ltée	Génie chimique
Argo, Donald	Qit-Fer & Titane Inc.	Métallurgie
Armstrong, Stephen	Zenon Env. Enterprises Ltd.	Electrical Engineering
Atkin, Audrey	Labatt Breweries of Canada Ltd.	Microbiology
Aukema, Ian	Pulp and Paper Research Inst.	Chemical Engineering
Baker, William	Spar Aerospace Limited	Electrical Engineering
Barich, Teresa	Labatt Breweries of Canada Ltd.	Chemistry
Baron, Luc	Agropur, Coop. agro-alimentaire	Génie mécanique
Barwick, Craig	Alcan International	Mechanical Engineering
Bateman, Mark	Atmospheric Dynamics Corporation	Mathematics
Beauregard, François	Institut de recherche-Hydro Québec	Génie électrique
Behncke, Paul	Canada Packers Limited	Chemical Engineering
Bernhardt, Richard	Canstar Communications	Electrical Engineering
Bianchini, Giovanni	ERCO Industries Ltd.	Chemical Engineering
Biro, David	Molson Breweries of Canada Ltd.	Chemistry
Bizier, Daniel	Xerox Research Centre Canada Ltd.	Chemistry
Bland, Harry	Reed Inc.	Génie chimique
Bleau, André	Instrumentation G.D.D. Inc.	Génie physique
Blouin, France	Agrinove	Sciences de l'alimentation
Bocking, Victor	Xerox Research Centre Canada Ltd.	Engineering Science
Boerke, Ralph	Cdn Instrumentation & Res Lt	Physics
Bombera, Antonin	Metrex Instruments Ltd.	Electrical Engineering
Borr, Janice	Molson Breweries of Canada Ltd.	Microbiology
Bourgeois, Lyne	Institut Armand-Frappier	Biochimie
Bourque, Denis	Institut Armand-Frappier	Microbiologie
Boutet, Serge	Pfizer Canada Inc.	Parasitology
Bowden, Scott	Miller Communications Systems Ltd.	Communication Science
Bradley, Allan	MacMillan Bloedel Research Ltd.	Forestry
Breese, Simon	Reed Inc.	Génie chimique
Brooks, Angela	Research Council of Alberta	Genetics
Bruneau, Michel	Buckland and Taylor Ltd.	Civil Engineering
Brunka, Rosalene	Bay Mills Ltd.	Chemical Engineering
Bruulsema, Harold	Brouwer Turf Equipment Ltd.	Not Indicated - Non Indiqué
Bryant, Graham	Surbond Lubricants Limited	Engineering
Butt, Alison	Bristol-Myers Products Canada	Biochemistry
Byers, John	Abax Energy Services Limited	Mechanical Engineering
Capuano, Riccardo	Pulp and Paper Research Inst.	Computer Science
Carson, David	Forintek Canada Corporation	Forestry
Carwana, Albert	Chinook Chemicals Corporation Ltd	Chemical Engineering
Chagnon, Dominique	Gandalf Data Limited	Electrical Engineering
Chan, Beryl	Lynn & Johnston Labs. Inc.	Biochemistry
Chan, Chi-Ip	Control Data Canada Ltd.	Electronics & Elect. Eng.
Chan, Ho	Xerox Research Centre Canada Ltd.	Chemical Engineering
Chibante, Louis	Pulp and Paper Research Inst.	Chemistry
Chin, Rodney	Allan Crawford Associates Ltd.	Physics
Chin, Roger	Control Data Canada Ltd.	Computer Science
Chmura, Richard	Anatek Electronics Ltd.	Electrical Engineering

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Choo, Lincoln	British North America Res. Ltd.	Chemical Engineering
Clark, Laura	Kellogg Salada Canada Inc.	Chemistry
Clarke, Ian	Bate Chemical Company	Chemistry
Clarke, Peter	Bristol-Myers Products Canada	Biochemistry
Cleary, Laurie	Emery Industries Limited	Chemistry
Clink, Patricia	Agra Industries Ltd	Chemistry
Coates, Dean	Cdn Instrumentation & Res Lt	Mechanical Engineering
Cole, Leslie	Canadian Fram Limited	Mechanical Engineering
Coles, Susan	Cardinal Biologicals Limited	Consumer Studies
Constantineau, Serge	Forintek Canada Corporation	Forestry
Cooke, Ronald	Bakelite Thermosets Ltd.	Chemistry
Cooper, Andrew	Diagnostic Chemicals Limited	Chemistry
Corkum, Brent	British North America Res. Ltd.	Engineering
Craig, Constance	Imperial Tobacco Products Limited	Biochemistry
Cressman, Greg	Bristol-Myers Products Canada	Chemistry
Crimi, Anthony	British North America Res. Ltd.	Chemical Engineering
Cullen, Tom	Solcan Ltd.	Mechanical Engineering
Cullingham, Jean	Uniroyal Limited	Chemistry
Cutliffe, Nora	Diagnostic Chemicals Limited	Biochemistry
Dallaire, Alain	Giro Inc.	Informatique et recherches opér.
Dallaire, François	Alcan Smelters & Chemicals Ltd.	Physical Engineering
Darasch, Stephen	Molson Breweries of Canada Ltd.	Biology
Davidson, Keith	Conserv-Cover Products Ltd.	Chemical Engineering
Davis, Lynn	Bristol-Myers Products Canada	Biochemistry
Davison, Thomas	Xerox Research Centre Canada Ltd.	Mechanical Engineering
Delaney, Brian	Miller Communications Systems Ltd.	Electrical Engineering
Della Mora, Gianni	C.I.L. Paints Inc.	Chemical Engineering
Denoncourt, Louis	SOQUEM	Electrical Engineering
Dick, David	Holiday Juice Ltd.	Chemistry
Dinnin, Donald	Solcan Ltd.	Mechanical Engineering
Doan, Tu	Leigh Instruments Ltd.	Computer Science
Dobbing, Timothy	Gandalf Data Limited	Engineering
Dolson, Nancy	Cardinal Biologicals Limited	Biology
Doughty, Kevin	Xerox Research Centre Canada Ltd.	Chemical Engineering
Douglas, Jon	Bakelite Thermosets Ltd.	Chemical Engineering
Dowhaniuk, Danielle	Labatt Breweries of Canada Ltd.	Microbiology
Drakich, Edward	Connaught Laboratories Ltd.	Microbiology
Dufour, Hélène	Alcan Smelters & Chemicals Ltd.	Chemistry
Duplain, Robert	Centre de recherche industrielle	Génie mécanique
Dynna, Gregory	Alcan International	Metallurgy & Metallurgical Eng.
Egan, Mark	Canadian Fram Limited	Engineering
Egles, David	Seakem Oceanography Ltd.	Physics
Elliott, Andrew	Labatt Breweries of Canada Ltd.	Chemical Engineering
Ellis, Jim	Anatek Electronics Ltd.	Electrical Engineering
Evans, Paul	Control Data Canada Ltd.	Systems Engineering
Fancy, Christopher	Forintek Canada Corp.	Forestry
Farina, Val	Diachem Industries Ltd	Chemistry
Fauvel, Jacques	Institut de recherche-[illegible]dro Québec	Génie électrique
Fehr, Randy	Massey-Ferguson Indus[illegible] Ltd.	Electrical Engineering
Ferguson, Scott	Pulp and Paper Resear[illegible]	Biology
Fisher, Erika	Molson Breweries of Ca[illegible]d.	Chemistry
Fisher, Gary	Diagnostic Chemicals Lim[illegible]	Chemistry
Fisher, Iona	MacDonald, Dettwiler & As[illegible] Ltd.	Computer Science
Flood, Martin	Lumonics Research Limited	Physics
Fogg, Deryn	Syntex Inc. (Canada)	Chemistry

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Foody, Kevin	Iotech Corporation Limited	Chemical Engineering
Foreman, Roxanne	Syntex Inc. (Canada)	Chemistry
Fyfe, William	Human Computing Resources Corp.	Computer Science
Gagne, Marie-Claude	Institut de recherche-Hydro Québec	Physique
Gagné, Yves	Girard Inc.	Sciences de l'alimentation
Gardner, Douglas	Gandalf Data Limited	Engineering
Gauthier, Elisabeth	Agropur, Coop. agro-alimentaire	Sciences de l'alimentation
Gendron, Réal	PURDEL, coopérative	Agriculture
George, Douglas	Miller Communications Systems Ltd.	Electrical Engineering
Germain, Michel	Sidbec-Dosco	Metallurgy
Gerrits, Doug	Cdn Instrumentation & Res Lt	Mechanical Engineering
Giroux, Hélène	Agropur, Coop. agro-alimentaire	Sciences de l'alimentation
Giroux, Jean	Qit-Fer & Titane Inc.	Géologie
Gislason, Thoren	Forintek Canada Corp.	Forestry
Givis, Richard	Canadian Aviation Electronics Ltd.	Electrical Engineering
Goyer, Sylvie-Anne	Girard Inc.	Agronomie
Graham, Trevor	Diagnostic Chemicals Limited	Biology
Gravel, Sylvain	Institut de recherche-Hydro Québec	Physique
Green, Margaret	Seakem Oceanography Ltd.	Chemistry
Grenier, Guy-Laval	Gandalf Data Limited	Electrical Engineering
Griffiths, John	ERCO Industries Ltd.	Chemical Engineering
Griffiths, Peter	Canadian Fram Limited	Engineering
Grundy, Bonnie	Syntex Inc. (Canada)	Chemistry
Guay, Yvan	Institut de recherche-Hydro Québec	Génie électrique
Guerin, Luc	Sidbec-Dosco	Metallurgy
Guthmann, Jim	Bakelite Thermosets Ltd.	Chemistry
Hajagos, Les	Ecoplastics Limited	Engineering Science
Hall, James	Labatt Breweries of Canada Ltd.	Chemistry
Hamelin, Luc	Institut de recherche-Hydro Québec	Physiologie
Hancock, Peter	Lunenburg Foundry & Engnr. Ltd.	Metallurgy
Handbury, Julian	Kellogg Salada Canada Inc.	Computer Science
Harker, Christine	Xerox Research Centre Canada Ltd.	Chemistry
Harrison, Bruce	Thomson Research Associates Ltd.	Biology
Haworth, George	Borden Chemical Canada	Chemistry
Hayashida, John	Enermodal Engineering Systems Ltd.	Systems Engineering
Heinrichs, Eugene	Lumonics Research Limited	Physics
Helliwell, Susan	Canadian Fram Limited	Mechanical Engineering
Hemphill, Ian	MacDonald, Dettwiler & Assoc. Ltd.	Electrical Engineering
Henders, Barbara	Forintek Canada Corp.	Forestry
Henderson, Barry	Anatek Electronics Ltd.	Electrical Engineering
Henschel, John	Stake Technology Ltd.	Biology
Hermans, Daniel	Canadian Fram Limited	Electrical Engineering
Heroux, Alain	Reed Inc.	Génie chimique
Hilchie, Mary	Sydney Steel Corporation	Metallurgy
Hollbach, Susan	Pulp and Paper Research Inst.	Computer Science
Hood, Susan	Silverwood Industries Ltd.	Biochemistry
Horvath, Daniel	Molson Breweries of Canada Ltd.	Biology
Houde, Michèle	Centre de recherche industrielle	Microbiologie
Hruska, Paul	Chemical Projects Ltd.	Chemical Engineering
Hryn, John	Alcan International	Metallurgy
Hubberstey, Andrew	Barringer Research Ltd.	Biochemistry
Hubert, Guy	SOQUEM	Mining Engineering
Hueniken, Peter	Canadian Fram Limited	Mechanical Engineering
Hutchinson, Lloyd	Labatt Breweries of Canada Ltd.	Microbiology
Huxter, Ronald	Lamontagne Geophysics Ltd.	Geophysics

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Innamorato, Gino	Research Foods (1976) Ltd.	Biology
Irwin, Barton	Leigh Instruments Ltd.	Mechanical Engineering
Jackson, Taylor	Microtel Pacific Research Limited	Computer Science
Jean, Andrea	Institut Armand-Frappier	Microbiologie
Jensen, Erik	Lumonics Research Limited	Physics
Johnson, Maureen	Forintek Canada Corp.	Chemistry
Johnston, Shannon	Microtel Pacific Research Limited	Computer Science
Johnstone, Daniel	Cardinal Biologicals Limited	Biochemistry
Jones, Andrew	Douglas Reeve & Associates	Chemical Engineering
Jundler, Samuel	Gandalf Data Limited	Electronics & Elect. Eng.
Juodvalkis, Sylvia	Labatt Breweries of Canada Ltd.	Microbiology
Kan, Lisa	Microtel Pacific Research Limited	Mathematics
Kavanagh, Philip	Reed Inc.	Génie chimique
Kempel, Karen	Research Foods (1976) Ltd.	Microbiology
Kennedy, Joanne	Cardinal Biologicals Limited	Biochemistry
Kessel, Ronald	Electrohome Limited	Electrical Engineering
King, David	Uniroyal Limited	Agricultural Chemistry
King, Elaine	Canada Packers Limited	Chemistry
Kingsland, Wendy	Warner-Lambert Canada Ltd.	Chemistry
Kirkness, Richard	Huntec (70) Limited	Geophysics
Kobelansky, Allan	Infolytica Corporation	Electrical Engineering
Koningstein, Ross	Intellitech Canada Ltd.	Engineering
Korpan, Kenneth	Domtar Research Centre	Not Indicated - Non Indiqué
Kortschot, Mark	Mousseau Scientific Inst.	Chemical Engineering
Kovacs, Gregory	MacDonald, Dettwiler & Assoc. Ltd.	Electrical Engineering
Krista, Rayner	Robin Hood Multifoods Inc. Tech.	Chemistry
Kristufek, Ed	Cdn Instrumentation & Res Lt	Physics
Krone, Patrick	Stake Technology Ltd.	Biology
Kushla, Glen	Clayton Env. Consultants Ltd.	Chemical Engineering
Labun, Andrew	Anatek Electronics Ltd.	Electronics & Elect. Eng.
Lacombe, Pierre	SOQUEM	Mining Engineering
Lacroix, Alain	Catelli Ltd.	Food Sciences
Lacy, Gordon	Lumonics Research Limited	Physics
Laganière, Louis	Alcan Smelters & Chemicals Ltd.	Engineering
Lagimonière, Marco	Agropur, Coop. agro-alimentaire	Sciences de l'alimentation
Lahlou, Mohamed	PURDEL, coopérative	Sciences de l'alimentation
Lai, Kevin	Eyretechnics Ltd.	Chemical Engineering
Laidlaw, Douglas	Massey-Ferguson Industries Ltd.	Electrical Engineering
Lalonde, Serge	Institut de recherche-Hydro Québec	Métallurgie
Lam, Stella	Cardinal Biologicals Limited	Food Sciences
Lang, Sharon	Rematech Industries Inc.	Polymer Chemistry
Lau, Augustina	Alcan International	Chemical Engineering
Lau, Che-Han	British North America Res. Ltd.	Chemical Engineering
Leeflang, Christina	Wampole Limited	Chemistry
Lefebvre, Daniel	Sidbec-Dosco	Metallurgy
Lemieux, Louis	Combustion Engineering Superheater	Computing & Mathematics
Lesley, Peter	Forintek Canada Corporation	Microbiology
Leung, Chuipo	Emery Industries Limited	Chemistry
Leung, Dennis	Microtel Pacific Research Limited	Electrical Engineering
Leuty, Carol	Stake Technology Ltd.	Biochemistry
Li, Henry	MacDonald, Dettwiler & Assoc. Ltd.	Electrical Engineering
Lill, Anthony	Human Computing Resources Corp.	Computer Science
Loranger, André	Institut de recherche-Hydro Québec	Génie électrique
Lupini, Peter	MacDonald, Dettwiler & Assoc. Ltd.	Electrical Engineering
Luymes, Wayne	Bate Chemical Company	Chemistry

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Lypchuk, Lauren	Microtel Pacific Research Limited	Kinesiology
Macdonald, Douglas	Barrodale Computing Services Ltd.	Computing & Mathematics
MacDonald, David	Diagnostic Chemicals Limited	Chemistry
MacDougall, Neil	Ontario Research Foundation	Chemical Engineering
MacLeod, Andrew	Canadian Fram Limited	Mechanical Engineering
Magdich, Paula	Alcan International	Metallurgical Engineering
Mageau, Carol	Institut de recherche-Hydro Québec	Génie mécanique
Mah, Jimson	Canadian General Electric Co. Ltd.	Electrical Engineering
Maier, David	Gandalf Data Limited	Mathematics
Marier, Louise	Institut Armand-Frappier	Biologie médicale
Maroudis, Alexander	Canadian Aviation Electronics Ltd.	Engineering
McArthur, Donna	Labatt Breweries of Canada Ltd.	Chemistry
McCallum, James	Uniroyal Limited	Chemistry
McGowan, Alexander	Enermodal Engineering Systems Ltd.	Mechanical Engineering
McGregor, John	Control Data Canada Ltd.	Computer Science
McIntyre, Karen	Quatic Chemicals Limited	Microbiology
McIntyre, Roy	Forintek Canada Corp.	Forestry
McIver, Ian	Arctic Laboratories Ltd.	Chemistry
McKim, Kim	E.V.S. Consultants Ltd.	Biology
McLellan, Scott	Chinook Chemicals Corporation Ltd	Chemical Engineering
Meacher, Cheryl	Labatt Breweries of Canada Ltd.	Microbiology
Mears, Alan	Cybertech Inc.	Electrical Engineering
Medawar, Ibrahim	Pulp and Paper Research Inst.	Computer Science
Micalizzi, Francesco	Canstar Communications	Communication Science
Michalos, Diane	Kellogg Salada Canada Inc.	Chemistry
Mitchell, Mary	Wampole Limited	Chemistry
Moak, Harvey	Château des Charmes Wines Ltd.	Biochemistry
Mohtadi, Mehrdad	Diachem Industries Ltd.	Chemistry
Mok, Danny	Gandalf Data Limited	Mechanical Engineering
Moore, Michelle	Guelph Chemical Laboratories Ltd.	Chemical Engineering
Morris, Keith	Anatek Electronics Ltd.	Electronics & Elect. Eng.
Morrison, Anne	Seakem Oceanography Ltd.	Chemistry
Mouradian, Alexander	General Foods Inc.	Chemistry
Mozol, Vivian	Arctic Laboratories Ltd.	Chemistry
Murdock, Heather	Kellogg Salada Canada Inc.	Home Economics
Nelson, William	Control Data Canada Ltd.	Computer Science
Nerby, John	Bate Chemical Company	Chemistry
Nessim, Sherif	General Comminution Inc.	Chemical Engineering
Neumann, Elliott	Conserv-Cover Products Ltd.	Industrial Engineering
Newton, Elizabeth	Xerox Research Centre Canada Ltd.	Chemical Engineering
Ngu, Chi-Minh	Abel Computers Ltd.	Electrical Engineering
Nielsen, Gordon	Stake Technology Ltd.	Biochemistry
Nikolakakis, Anastasia	Institut Armand-Frappier	Chimie organique
Normandin, Yves	Electromec Inc.	Physique
Nucciarone, Lucy	Xerox Research Centre Canada Ltd.	Biochemistry
Nystrom, Darryl	Domtar Inc.	Chemical Engineering
Odell, Thomas	MPB Technologies Inc	Electronics & Elect. Eng.
O'Neill, Barbara	Canadian Fram Limited	Mechanical Engineering
Ortaaslan, Ardash	Canadian Aviation Electronics Ltd.	Engineering
Pagan, Sandra	Chinook Chemicals Corporation Ltd	Chemical Engineering
Pagé, Serge	Institut de recherche-Hydro Québec	Génie mécanique
Paoli, Paul	Uniroyal Limited	Organic Chemistry
Park, Diane	British North America Res. Ltd.	Chemical Engineering
Parker, Ross	Microtel Pacific Research Limited	Computer Science
Parsons, Peter	Seakem Oceanography Ltd.	Electrical Engineering

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Patching, Keith	Cdn Instrumentation & Res Lt	Engineering
Paterson, George	Microtel Pacific Research Limited	Kinesiology
Paterson, Joel	Forintek Canada Corporation	Microbiology
Payette, Monique	Girard Inc.	Agriculture
Pelletier, Sylvie	Agrinove	Agriculture
Perchanok, Mathias	Canadian Fram Limited	Mechanical Engineering
Perkins, Sharon	Abitibi-Price Inc.	Chemical Engineering
Perry, Cameron	Global Thermoelectric	Mechanical Engineering
Phillips, Lloyd	B.C. Research Council	Chemical Engineering
Phippen, Steven	Leigh Instruments Ltd.	Mechanical Engineering
Picard, Denis	Centre de recherche industrielle	Génie électrique
Picott, Kevin	Control Data Canada Ltd.	Computer Science
Pilkey, Ross	Carma Industries	Systems Engineering
Pinard, James	General Comminution Inc.	Engineering
Pineau, Janice	Catelli Ltd.	Biology
Plamondon, Robert	Mitel Semiconducteur Inc.	Physique
Plouffe, Pierre-Yves	Domtar Research Centre	Chemistry
Poirier, Nicole	Pulp and Paper Research Inst.	Chemical Engineering
Polsson, Kenneth	Microtel Pacific Research Limited	Computer Science
Pothier, Sylvain	Giro Inc.	Informatique et recherches opér.
Pottie, Gregory	Miller Communications Systems Ltd.	Electrical Engineering
Potts, Gordon	Intertech Engineering Corp.	Mechanical Engineering
Pounienkow, Patricia	Cyanamid Canada Inc.	Industrial Engineering
Preston, Carolyn	Dupont Canada Inc.	Chemistry
Price, Brian	Douglas Reeve & Associates	Chemical Engineering
Prinoski, Kevin	Château des Charmes Wines Ltd.	Biology
Pruden, Shaan	Microtel Pacific Research Limited	Computer Science
Pyne, Caron	Morris Wayman Limited	Chemical Engineering
Rajizak, Daniel	Molson Breweries of Canada Ltd.	Chemical Engineering
Randell, Scott	Cybertech Inc.	Physics
Rao, Sitaram	Infolytica Corporation	Electrical Engineering
Read, Steven	Pulp and Paper Research Inst.	Engineering Physics
Reed, Douglas	Thomson Research Associates Ltd.	Chemistry
Reed, Robert	Uniroyal Limited	Biochemistry
Reid, David	Domtar Inc.	Chemical Engineering
Rice, Paul	Electrohome Limited	Electrical Engineering
Richard, Nathalie	MPB Technologies Inc	Physics
Rideout, Lisa	Kellogg Salada Canada Inc.	Home Economics
Rioux, Denis	Vachon	Génie électrique
Rivard, Serge	Institut de recherche-Hydro Québec	Génie électrique
Robertson, Mark	ERCO Industries Ltd.	Chemical Engineering
Rogers, Marianne	Canadian Canners Ltd.	Biological Chemistry
Rompré, Stéphane	Pulp and Paper Research Inst.	Mechanical Engineering
Rousham, Gordon	Gandalf Data Limited	Engineering
Roy, Pat	Diagnostic Chemicals Limited	Chemistry
Rueb, Kurt	Electrohome Limited	Electronics & Elect. Eng.
Ryan, Darryl	Gandalf Data Limited	Engineering
Santowski, Thomas	Kellogg Salada Canada Inc.	Chemistry
Sargeant, Alan	Borden Chemical Canada	Chemistry
Saunders, Lorie	Bristol-Myers Products Canada	Biology-Chemistry
Schellenberg, David	Canadian Canners Ltd.	Chemistry
Scott, Peter	Bakelite Thermosets Ltd.	Chemistry
Scott, Robert	Labatt Breweries of Canada Ltd.	Chemistry
Selinger, David	Spar Aerospace Limited	Electrical Engineering
Sharp, Brenner	Toronto Medical Corporation	Engineering

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Shelley, John	Emery Industries Limited	Chemistry
Shirer, Robert	General Comminution Inc.	Chemical Engineering
Simard, Michel	Combustion Engineering Superheater	Computing & Mathematics
Sims, Paul	Xerox Research Centre Canada Ltd.	Engineering Science
Sinha, Anand	Harold J. Wilkinson & Assoc. Ltd.	Computer Engineering
Slasor, Peter	The Longwoods Research Group Ltd.	Statistics
Slesar, Tara	Château des Charmes Wines Ltd.	Chemical Engineering
Smajda, Christina	Cardinal Biologicals Limited	Microbiology
Smith, David	General Comminution Inc.	Engineering
Smith, Lloyd	Cardinal Biologicals Limited	Biology-Chemistry
Smuk, Jeff	Canadian Astronautics Ltd.	Electrical Engineering
Smy, William	Syncrude Canada Limited	Mechanical Engineering
Snippe, Robert	Wampole Limited	Chemistry
Steinberg, Roy	Spar Aerospace Limited	Electrical Engineering
Stevens, Gail	MacMillan Bloedel Research Ltd.	Forestry
Stewart, Mark	Miller Communications Systems Ltd.	Applied Mathematics
Sturgeon, Donald	Xerox Research Centre Canada Ltd.	Physics
Sun, Peter	Color Your World Inc.	Chemical Engineering
Szaran, Paul	Canadian Fram Limited	Electrical Engineering
Taft, Robert	Microtel Pacific Research Limited	Physics
Taillefer, Serge	Giro Inc.	Informatique et recherches opér.
Takahashi, Joy	Kellogg Salada Canada Inc.	Nutrition
Tam, Ying	Cardinal Biologicals Limited	Biology
Tang, Andrea	Canadian Canners Ltd.	Chemistry
Tang, Lai	Lynn & Johnston Labs. Inc.	Chemistry
Tapping, Richard	Bristol-Myers Products Canada	Chemistry
Tate, Deborah	Bristol-Myers Products Canada	Chemistry
Taylor, Angela	Kellogg Salada Canada Inc.	Food Sciences
Taylor, Drew	Labatt Breweries of Canada Ltd.	Chemistry
Taylor, Steven	Cdn Instrumentation & Res Lt	Engineering
Tindall, James	Uniroyal Limited	Organic Chemistry
Too, Paul	Forintek Canada Corporation	Mechanical Engineering
Tran, Hong	Bate Chemical Company	Polymer Chemistry
Tremblay, Marc	Electromec Inc.	Génie physique
Tremblay, Pierre	Institut Armand-Frappier	Biochimie
Trenker, David	Trojan Technologies Inc.	Mechanical Engineering
Trower, Robert	Research Foods (1976) Ltd.	Biology
Turcotte, Alain	Institut Armand-Frappier	Bactériologie
Turek, Ross	Diffracto Limited	Mechanical Engineering
Turgeon, Lyne	Institut Armand-Frappier	Microbiologie
Uhthoff, Peter	Syncrude Canada Limited	Chemical Engineering
Valleau, Nicholas	Lamontagne Geophysics Ltd.	Geophysics
Van Holst, Cornelis	Spar Aerospace Limited	Engineering
Vanderkamp, Nicholas	Sternson Limited	Chemical Engineering
Varshney, Malini	CEMA Laboratories	Biochemistry
Veto, Thomas	Canadian Aviation Electronics Ltd.	Mechanical Engineering
Vockentanz, Birgit	Holiday Juice Ltd.	Food Sciences
Wagner, Gail	Château des Charmes Wines Ltd.	Biology
Wakayama, Jane	Kellogg Salada Canada Inc.	Food Sciences
Warner, William	Electrohome Limited	Systems Engineering
Watler, Peter	ERCO Industries Ltd.	Chemical Engineering
West, Karin	Robin Hood Multifoods Inc. Tech.	Chemistry
West, Michael	Morris Magnetics	Geophysics
Wetton, Brian	Canadian Astronautics Ltd.	Physics

3.2.1 Industrial Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Weymouth, Dave	Gandalf Data Limited	Electrical Engineering
Whitlock, Neil	Pulp and Paper Research Inst.	Chemistry
Whitney, Gordon	Labatt Breweries of Canada Ltd.	Microbiology
Wiener, Michael	Control Data Canada Ltd.	Electrical Engineering
Williams, Michael	Cdn Instrumentation & Res Lt	Engineering
Williamson, Grant	Enermodal Engineering Systems Ltd.	Engineering
Wilson, Allan	Domtar Inc.	Chemical Engineering
Wilton, Barbara	Intertech Engineering Corp.	Mechanical Engineering
Witmer, Michael	Sternson Limited	Chemistry
Wong, Laura	Xerox Research Centre Canada Ltd.	Physics
Woo, Joshua	Anatek Electronics Ltd.	Electrical Engineering
Wood, Ian	RE TECH Capital Applied Research	Chemistry
Woods, Robert	Xerox Research Centre Canada Ltd.	Organic Chemistry
Wynnycky, Roman	Dupont Canada Inc.	Chemical Engineering
Yates, Susan	Uniroyal Limited	Agriculture
Yee, Diane	Color Your World Inc.	Chemistry
Yee, Janet	Connaught Laboratories Ltd.	Genetics
Young, Sandra	Canadian Aviation Electronics Ltd.	Engineering
Yuen, Sunny	Syntex Inc. (Canada)	Chemistry
Zaharie, Michael	Uniroyal Limited	Agricultural Chemistry
Zan, Steven	Morrison, Hershfield, Theakston	Engineering
Znajewski, Teresa	Bakelite Thermosets Ltd.	Chemical Engineering

3.2.2 Industrial Postgraduate Scholarships/ Bourses d'études supérieures à l'intention de l'industrie

Name/Nom	Company/Compagnie	University of Tenure/ Endroit de validité	Field/Domaine
Calve, L.R.	Forintek Canada Corp.	Ottawa	Chemistry
Chan, H.N.S.	Bell-Northern Research Ltd.	Waterloo	Systems Design
Johnston, H.M.	Ontario Hydro	Waterloo	Earth Sciences
Kun, R.D.	Bell-Northern Research Ltd.	Carleton	Systems & Computer Engineering
Labine, C.L.	Campbell Scientific Canada Corp.	Alberta	Geography
Lahotka, P.	Trigg, Woollett Consulting	Alberta	Geology
Megraw, S.R.	Domtar Inc.	McGill	Microbiology
Murphy, M.J.	Northern Telecom Canada Ltd.	McMaster	Management Science/ Systems
Ouellet, L.M.	Polyplasma Inc.	Ecole Polytechnique	Génie physique
Ricketts, D.R.	Morrison Hershfield Ltd.	Alberta	Civil Engineering
Ross, N.E.	Bell-Northern Research Ltd.	Waterloo	Management Sciences
Tauzovich, B.	Cognos Inc.	Ottawa	Electrical Engineering
Vaughan, C.J.	A-Cubed Inc.	Toronto	Physics

3.2.3 Industrial Research Fellowships / Chercheurs-boursiers en milieu industriel

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Adachi, Hiroyuki	MacMillan Bloedel Research Ltd.	Chemical Engineering
Aronoff, Stanley	Dipix Systems Limited	Not Indicated - Non Indiqué
Arthur, James	E.V.S. Consultants Ltd.	Not Indicated - Non Indiqué
Azizian, Hormoz	Polysar Ltd.	Chemical Engineering
Azzam, Wegdan	Hart Chemical Ltd.	Physical Chemistry
Banic, John	Optech Incorporated	Physics
Bartoszek, Frank	Ontario Hydro	Chemistry
Basu, Roger	H.G. Engineering Ltd.	Civil Engineering
Baxter, James	Research Foods (1976) Ltd.	Biochemistry
Bazerghi, Hani	CMA - Chalifour, Marcotte	Energy
Bégin, Michel	Efamol Research Inc.	Virology
Bernard, Douglas	Xerox Research Centre Canada Ltd.	Physics
Bernard, Pierre	Institut de recherche-Hydro Québec	Physique
Bietz, Brian	IEC Beak Consultants Ltd.	Biology
Bilinski, Carl	Labatt Breweries of Canada Ltd.	Microbiology
Box, Stephen	Photochemical Research	Nuclear Physics
Bridges, Anne	3M Canada Limited	Not Indicated - Non Indiqué
Broster, Bruce	Klohn-Leonoff Consultants Ltd.	Geological Engineering
Brown, Gerald	Allelix Inc.	Molecular Biology
Butterworth, Eric	New Brunswick Research	Ecology & Pedology
Chan, Chi	Merck Frosst Laboratories	Pharmacology
Chapman, Peter	E.V.S. Consultants Ltd.	Biology
Chopra, Chitra	Bio-Research Laboratories Ltd.	Microbiology
Cunnane, Stephen	Efamol Research Inc.	Nutrition
Dalezios, Nicolas	Intera Environmental Consultants	Civil Engineering
Degré, Richard	Lallemand Inc.	Microbiologie
Demers, Yves	MPB Technologies Inc	Physical Engineering
Denis, Marcel	Bomem Inc.	Physique
Dobson, William	Canada Packers Limited	Biochemistry
Dugré, Robert	Institut Armand-Frappier	Virologie
Dupuis, Marc	Alcan International	Chemical Engineering
Edwards, Jack	The Longwoods Research Group Ltd.	Psychology
Eid, Bassem	Fenco Consultants Ltd.	Oceanography
Elio, Renee	Research Council of Alberta	Psychology
Elsherbiny, Mohamed	Solar Cells Limited	Electrical Engineering
Emerson, Harriet	The Longwoods Research Group Ltd.	Psychology
Evans, Jillian	Merck Frosst Laboratories	Biochemistry
Ewasyshyn, Mary	Connaught Laboratories Ltd.	Virology
Fahr, Abbas	Ontario Research Foundation	Material Science
Feicht, Anton	Atlantic Analytical Services Ltd.	Chemistry
Fitzsimmons, Brian	Merck Frosst Laboratories	Chemistry
Flanagan, Richard	Merck Frosst Laboratories	Pharmacology & Therapeutics
Foo, Siang-Kiang	Syndel Laboratories Ltd.	Plant Science & Biochemistry
Fradkin, Aharon	Weston Research Centre	Microbiology
Friedlander, Barry	Uniroyal Limited	Chemistry
Gagne, Martin	Qit-Fer & Titane Inc.	Métallurgie
Gallicano, Keith	Can Test Ltd.	Chemistry
Gammon, Peter	ICE Engineering Limited	Engineering Science
Gela, George	Trench Electric Limited	Electrical Engineering
Girard, André	Electromec Inc.	Physique
Goldberg, Eric	Canada Packers Limited	Chemical Engineering
Goosen, Mattheus	Connaught Laboratories Ltd.	Biomedical Engineering
Grenier, Daniel	Centre de recherche industrielle	Chimie
Harley, Mary	Atlantic Analytical Services Ltd.	Chemistry

3.2.3 Industrial Research Fellowships (continued)/ Chercheurs-boursiers en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Hart, Donald	IEC Beak Consultants Ltd.	Zoology
Heisler, Daniel	Bristol-Myers Products Canada	Chemistry
Hepburn, John	Huntec (70) Limited	Systems & Control Engineering
Hrabok, Metro	Cambrian Engineering Group Ltd	Structural Engineering
Hsieh, Dick	Research Foods (1976) Ltd.	Food Sciences
Hung, I-Fu	Eco-Research Ltd.	Chemistry
Hux, Robert	Merck Frosst Laboratories	Chemistry
Jamroz, Wieslaw	MPB Technologies Inc	Physics
Jones, Christopher	Syntex Inc. (Canada)	Biochemistry
Kamal, Sherin	Miller Communications Systems Ltd.	Systems & Control Engineering
Kamar, Ahmed	Canadian General Electric Co. Ltd.	Electrical Engineering
Kezwer, Glen	Computer Methods (Canada) Ltd.	Computer Science
Kruk, Ronald	Canadian Aviation Electronics Ltd.	Psychology
Kulik, Boguslaw	Nova Scotia Research Foundation	Ocean Engineering
Lai, Hoi	Uniroyal Limited	Agricultural Chemistry
Lau, Patrick	Borden Chemical Canada	Organic Chemistry
Lau, Thomas	Welding Institute of Canada	Metallurgy
Le Clair, Guy	MPB Technologies Inc	Plasma Physics
Lee, Sing	Terochem Laboratories Limited	Chemistry
Lendenmann, Karl	The Longwoods Research Group Ltd.	Statistics
Liak, Teng	Syntex Inc. (Canada)	Medical Chemistry
Lo, Sin	Ontario Research Foundation	Material Science
Lodge, John	Miller Communications Systems Ltd.	Electrical Engineering
Luthe, Corinne	Tembec Forest Products Inc.	Chemistry
MacKay, Gervase	Unisearch Associates Inc.	Physical Chemistry
Mackerron, Duncan	Dupont Canada Inc.	Polymer Chemistry
MacLachlan, Frederick	3M Canada Limited	Organic Chemistry
MacNae, James	Lamontagne Geophysics Ltd.	Agricultural Bacteriology
Madore, Guy	Canadian Thermostats and Control	Physics
Manu, Manu	Canada Systems Group	Engineering
Marion, Jean	Bio-Research Laboratories Ltd.	Biochemistry
McIntosh, Allen	Human Computing Resources Corp.	Statistics
Mercier, Jean-Claude	Camoplast Inc.	Chimie
Michael, Waheed	Canadian General Electric Co. Ltd.	Mechanical Engineering
Milthorp, Peter	A - B Biological Supplies Inc.	Biochemistry
Mirbod, Seyed	Huntec (70) Limited	Electrical Engineering
Morton, Howard	Merck Frosst Laboratories	Chemistry
Mouroulis, Pantazis	Cdn Instrumentation & Res Lt	Not Indicated - Non Indiqué
Muhs, Wolfgang	Terochem Laboratories Limited	Chemistry
Mulholland, Lindsay	Ontario Research Foundation	Organic Chemistry
Neilson, John	B.C. Hydro and Power Authority	Plasma Physics
Ng, Tie	Iroquois Chemicals Ltd.	Polymer Chemistry
Nicholson, Ronald	IEC Beak Consultants Ltd.	Earth Sciences
Northcott, Colleen	New Brunswick Research	Chemistry
Ober, Christopher	Xerox Research Centre Canada Ltd.	Not Indicated - Non Indiqué
O'Leary, Stella	Pulp and Paper Research Inst.	Chemistry
Oleskiw, Myron	INTERA Environmental Consultants	Geography
O'Neill, Norman	Moniteq Ltd.	Physics
Ostiguy, Claude	Société nationale de l'amiante	Chimie
Oudenes, Jan	Torcan Chemical Ltd.	Organic Chemistry
Perovic, Vuko	Ontario Hydro	Metallurgy
Peterson, Michael	Barringer Research Ltd.	Applied Mathematics
Pickett, Mark	Allelix Inc.	Molecular Biology

3.2.3 Industrial Research Fellowships (continued)/ Chercheurs-boursiers en milieu industriel (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Poirier, Alain	MPB Technologies Inc	Physics
Poon, N. Hung	Forintek Canada Corporation	Forestry & Civil Engineering
Popham, James	Seakem Oceanography Ltd.	Zoology
Pouliot, Pierre	Institut Armand-Frappier	Microbiologie et immunologie
Puchala, Ryszard	Industrial High Pressure	Mining & Metallurgy
Pye, David	The Longwoods Research Group Ltd.	Psychology
Raman, Bhuvarahan	INTERA Environmental Consultants	Electronics & Elect. Eng.
Razl, Ivan	Gemite Unique Products Inc.	Chemical Engineering
Redpath, Anthony	Ecoplastics Limited	Chemistry
Roberge, Guy	Bristol Laboratories of Canada	Chemistry
Robins, Jeffrey	Ontario Hydro	Chemistry
Rodriguez, Juan	Belmont Industries Ltd.	Nutrition
Rogowsky, David	Underwood McLellan Ltd.	Civil Engineering
Romilly, Douglas	B.C. Hydro and Power Authority	Engineering
Ross, John	INCO Metal Company	Metallurgy
Rossiter, James	Huntec (70) Limited	Engineering
Ryan, John	Ultra Lasertech Inc..	Nuclear Physics
Saidi, Noori	Canadian General Electric Co. Ltd.	Mechanical Engineering & Civil Eng.
Saintonge, Gilles	MPB Technologies Inc	Physics
Shareck, François	Ayerst Laboratories	Geography
Shoamanesh, Alirezo	MPB Technologies Inc	Electrical Engineering
Shushan, Bori	Sciex Limited	Physical Chemistry
Silberstein, Alejandro	Labatt Breweries of Canada Ltd.	Biochemistry
Simpson, William	Syntex Inc. (Canada)	Clinical Studies
Sincarsin, Glen	Dynacon Enterprises Ltd.	Aerospace Engineering Science
Sinclair, Ian	MPB Technologies Inc	Physics
Sivakumaran, Siva	Arctec Canada Ltd.	Mechanical Engineering
Skalinski, Piotr	Scintrex Limited	Physics
Smith, Roger	Syntex Inc. (Canada)	Chemistry
St. Cyr, Daniel	Dupont Canada Inc.	Polymer Chemistry
Stober, Stephen	Canadian Aviation Electronics Ltd.	Psychology
Tam, Robin	Ultra Lasertech Inc.,	Physics
Tam, Wah	Diagnostic Chemicals Limited	Organic Chemistry
Tan, Larry	Forintek Canada Corporation	Biochemistry
Tanner, Scott	Sciex Limited	Chemistry
Taylor, Michael	Xerox Research Centre Canada Ltd.	Chemistry
Thomas, Paul	Optech Incorporated	Physics
Thompson, Bradley	Research Council of Alberta	Microbiology
Tischler, Samuel	Ayerst Laboratories	Organic Chemistry
Tran, Hoc	Douglas Reeve & Associates	Chemical Engineering
Tse, Sui-Ming	Dupont Canada Inc.	Chemistry
Turcotte, Gilles	Alcan International	Theoretical Chemistry
Van Roode, Johannes	Ontario Research Foundation	Material Science
Watanabe, Ronald	Martec Limited,	Ocean Engineering
White, Robert	Syntex Inc. (Canada)	Organic Chemistry
Wong, Po	Dupont Canada Inc.	Polymer Chemistry
Wu, Kam	3M Canada Limited	Chemistry
Yalpani, Manssur	B.C. Research Council	Chemistry
Yeung, Patrick	MPB Technologies Inc	Physics
Yu, Ernest	Forintek Canada Corporation	Working
Zorkin, Nicholas	Envirocon Limited	Environmental Sciences

3.3 Canadian Microelectronics Corporation/Société canadienne de micro-électronique

	$
Block grant in support of the Canadian Microelectronics Corporation/ Subvention à la Société canadienne de micro-électronique	7,413,283

4. DEVELOPMENTAL GRANTS

4. SUBVENTIONS D'INFRASTRUCTURE DE LA RECHERCHE

4.1 Research Development Program/Programme de développement de la recherche

4.1.1 Research Development Grants/Subventions de développement de la recherche

Name/Nom Department/Département University/Université	Title/Titre	$
Allard, J. Mathématiques Moncton	Séries chronologiques/ensembles aléatoires * avec D.Ghisa, B. de Dormale, W.Patterson T.Pham-Gia, F.Söler (Moncton)	4,000
Allard, M. Géographie Laval	Géomorphologie littorale et périglaciaire * avec J.-C.Dionne (Laval)	14,500
Asselin, A. Phytologie Laval	Etude de la réplication du virus de la mosaïque du tabac et des protéines PR	20,000
Beaudoin, M. Expl./util. des bois Laval	Science et technologie du bois: utilisation optimale du matériau bois * avec Y.Fortin, J.-P.Hösli (Laval)	15,650
Beaulieu, D. Génie civil Laval	Problème d'assemblage et de stabilité dans les charpentes * avec A.Picard (Laval)	25,000
Beaumont, G. Biologie Sherbrooke	Influence des quantités résiduelles d'herbicide sur l'ultrastructure des chloroplastes de Lemna minor * avec G.Grenier (Sherbrooke)	18,000
Béland, B. Génie électrique Sherbrooke	Relations électricité-incendie	15,000
Bertrand, L.G.L. Génie physique Ecole Polytechnique	Spectroscopie infrarouge et techniques photoacoustiques * avec J.-P.Monchalin, B.Mongeau, P.-E.Ouellette (Ecole Polytechnique)	25,000
Bertrand, M. Génie bio-médical Ecole Polytechnique	Traitement d'images biomédicales * avec M.Bourdeau, G.E.Mailloux, P.A.Mathieu (Ecole Polytechnique)	20,000
Betteridge, K.J. Anat./phys. animales Montréal	Aide au C.R.R.A. pour le programme Etude de l'établissement de la gestation it des facteurs conduisant à la mortalité embryonnaire chez les grands animaux domestiques * avec D.Bousquet, A.K.Goff, P.Guay, W.A.King, C.-L.Richer, D.Rieger, A.V.Tremblay (Montréal)	15,000
Bonn, F.J. Géographie Sherbrooke	Développement de méthodologies d'interprétation quantitative des images de télédétection en géomorphologie continentale et littorale * avec J.M.Dubois, Q.H.J.Gwyn (Sherbrooke)	30,000
Bose, T.K. Physique Qué.-Trois-Riv.	Etudes diélectriques * avec J.M.R.St-Arnaud, L.M.Marchildon (UQTR)	27,500
Bouchard, M. Géographie Québec-Montréal	Paléoenvironnements quaternaires et paléosurfaces au Québec et dans les régions périphériques * avec S.Occhietti (UQAM)	15,000
Broadbent, A.D. Chemistry Mount Allison	Tautomerism and enolate ion reactions of anthracenediols	18,000

4.1.1 Research Development Grants (continued)/ Subventions de développement de la recherche (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Bures, J. Génie physique Ecole Polytechnique	Physique des fibres optiques et application aux communications * avec J.Lapierre (Ecole Polytechnique)	20,000
Camarero, R. Mathématiques appl. Ecole Polytechnique	Méthodes numériques en turbomachine	10,000
Carreau, P. Génie chimique Ecole Polytechnique	Analyse et simulation du mélange dans les réacteurs * avec J.Paris, D.Klvana (Ecole Polytechnique)	15,000
Choplin, L. Génie chimique Laval	Rhéologie de la fermentation	20,000
Côté, R. Sc. fondamentales Québec-Chicoutimi	Aspects chimiques et toxicologiques des effluents des industries de pâtes et papiers dans le Saguenay * avec M.Gagnon, A.Leclerc (UQAC)	20,000
Desjardins, R. Génie civil Ecole Polytechnique	Efficacité des dépôts de $CaCO_3$ pour la protection des conduites d'alimentation en eau * avec D.L.Piron, F.Brière (Ecole Polytechnique)	20,000
Dodd, P.W.D. Psychology Saint Mary's	An examination of perceptual, cognitive, and learning issues related to interactive computer systems * with V.M.Catano (Saint Mary's)	18,000
Ferguson, L. Geology Mount Allison	Provision of automatic rock thin sectioning equipment * with D.J.Mossman (Mount Allison)	2,688
Fournier, M. Sciences biolog. Québec-Montréal	Effet des toxiques de l'environnement sur la réponse immunitaire * avec A.Morin (UQAM)	15,000
Girouard, F.E. Math./physique Moncton	Propriété de surface et de volume des solides * avec R.L.Banerjee, G.Bader, G.Bosi, T.Vo-Van (Moncton)	15,000
Hawkes, R.L. Physics Mount Allison	Optical evidence for physical structure of small meteroids * with J.T.MacFarlane (Mount Allison)	15,000
Hodouin, D. Mines et métallurgie Laval	Production, caractérisation et utilisation des particules minérales dans l'industrie minière * avec G.A.Barbery (Laval)	15,000
Hunter, D.L. Physics St. F. Xavier	Physics research: condensed matter studies, atomic and molecular studies * with N.Jan, Y.N.Joshi, D.A.H.Pink, M.O.Steinitz, A.Weingartshofer (St. Francis Xavier)	31,000
Johnston, C.E. Biology Prince Edward Isl.	Research in the marine sciences * with L.A.Hanic, J.A.Rigney, J.C.Cheverie (Prince Edward Island)	32,000
Lavoie, M. Biochimie Laval	Interactions hôte-bactéries dans la cavité buccale de la souris * avec N.Deslauriers (Laval)	16,000

4.1.1 Research Development Grants (continued)/ Subventions de développement de la recherche (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Leblanc, A. Ingénierie Qué.-Trois-Riv.	Conception de méthodes et techniques d'exploration fonctionnelle du corps humain: méthodes non-invasives * avec J.L.Dion, M.Roy (UQTR)	20,000
Leclerc, G. Génie civil Ecole Polytechnique	Gestion de la qualité des eaux souterraines * avec C.Marche (Ecole Polytechnique)	20,000
MacKay, G.D.M. C.E.S. Tech. Univ. N.S.	Coal utilization * with A.M. Al Taweel, M.J.Pegg, P.Basu (TUNS)	40,000
Mallet, V. Chimie - biologie Moncton	Evaluation et impact des contaminants environnementaux * avec B.Trottier, A.Fraser, M.C.Mehra, K.Jankowski (Moncton)	22,000
Marcotte, D. Math./informatique Sherbrooke	Conception et réalisation d'un progiciel d'élaboration de programmes d'optimisation numérique * avec J.P.Dussault, L.Lavoie (Sherbrooke)	74,000
McNeil, R. Ctre de rech. écol. Montréal	Relations écologiques des oiseaux migrateurs et sédentaires au nord de l'Amérique du Sud	20,000
Mladenov, P.V. Biology Mount Allison	Automatic tissue processor and automatic slide stainer * with A.P.Farrell, J.-G.Godin (Mount Allison)	18,900
Nadeau, C.H. Kinanthropologie Québec-Montréal	Etudes neurocinétiques du système visuo-moteur et de la production de mouvements de pointage visuo-manuel * avec L.Carrière, J.P.Guillemot (UQAM)	12,000
Paradis, M. Génie mécanique Laval	Systèmes de chauffage solaire et de récupération d'énergie	20,000
Peach, M.E. Chemistry Acadia	Research associate/Postdoctoral fellow	5,000
Phan, L.C. Sc. appliquées Québec-Chicoutimi	Influence des conditions atmosphériques sur le transport d'énergie * avec J.L.Laforte, P.McComber (UQAC)	30,000
Pietrzykowski, T. Computer Science Acadia	Studies and development in areas of: symbolic computation, functional languages, automation of system analysis, data compatibility, and security of PROGRAPH, mechanical deduction * with P.Cox, G.R.Marshall, M.Levin, S.M.Khan (Acadia)	27,000
Proteau, L. Sc. de l'activité phys Qué.-Trois-Riv.	La planification du mouvement chez l'humain * avec Y.Girouard (UQTR)	20,000
Ringuet, M. Chimie - biologie Qué-Trois-Riv.	Synthèse de dimères de porphyrines d'intérêt photosynthétique	10,000
Robillard, P.N. Génie électrique Ecole Polytechnique	Développement d'outils d'aide à la création des logiciels * avec R.Plamondon (Ecole Polytechnique)	25,000
Robin, J. Biologie Sherbrooke	Caractérisation physico-chimique des virus de poissons. Applications pratiques * avec L.Berthiaume (IAF)	13,600

4.1.1 Research Development Grants (continued)/ Subventions de développement de la recherche (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Rochon, F.D. Chimie Québec-Montréal	Synthèse et étude de complexes de platine * avec R.Melanson, P.C.Kong (UQAM)	12,000
Rogers, P.A. Physical Education Laval	Hormonal and neural regulation of transcription in cardiac and skeletal muscle * with R.R.Tremblay (Laval)	18,000
Rouleau, D. Génie chimique Ecole Polytechnique	Biocinétique réactionnelle appliquée au développement de réacteurs enzymatiques et biologiques * avec R.C Mayer, J.Champagne (Ecole Polytechnique)	15,000
Rousseau, R. Psychologie Laval	Consolidation de la recherche au Laboratoire de psychologie expérimentale: promotion sélective d'une approche cognitive * avec F.Y.Doré, G.Kirouac, H.Laforge (Laval)	15,000
Schwartz, M. Psychology St. F. Xavier	Support for psychology department research * with A.E.Bigelow, K.den Heyer, P.G.Henke, G.L.Dannenbring (St. Francis Xavier)	30,000
Simard, R.E. Science des aliments Laval	Propriétés physico-chimiques des viandes et poissons entreposés sous différentes atmosphères modifiées * avec J.Amiot, A.Boudreau, F.Castaigne, G.A.Picard (Laval)	15,000
Srivastava, N. Génie civil Moncton	Centre de soufflerie	21,000
Tory, E.M. Math/Comp Science Mount Allison	Distribution of particle velocities in dilute dispersions of equal spheres	15,000
Vaughan, K. Chemistry Saint Mary's	Bioorganic studies of potential antitumour agents and xenobiotic molecules	15,000
Viarouge, P. Génie électrique Laval	Conception et optimisation d'aérogénérateurs à vitesses variables, autonomes et non-autonomes, avec instrumentation associée * avec E.J.Dickinson, V.D.Nguyen (Laval)	10,000
Vieth, J. Sciences biol. Montréal	Multiplication végétative de Gerbera jamesonii et mutagénèse expérimentale in vitro * avec P.E.Neumann, C.T.Phan (Montréal)	20,000
Waller, D.H. Civil Engineering Tech. Univ. N.S.	Halifax Urban Watersheds Program (Lake response to urban stormwater quality and quantity) * with J.R.Burney, W.C.Hart, D.Thirumurthi (TUNS)	38,000
Weatherston, I. Biology Laval	Studies in the development and use of pheromone in integrated insect control strategies	10,000
Weisbart, M. Biology St. F. Xavier	Biological studies of salmonid fishes * with C.A.Lessman, W.S.Marshall, G.E.Newsome, N.R.Seymour (St. Francis Xavier)	50,000

4.1.2 Attachés de recherche du CRSNG

Name/Nom	Location of Tenure/ Endroit de validité
Spronken, G.	Ecole Polytechnique, Génie physique
Deshaies, Y.	Laval, Nutrition
Dionne, F.	Laval, Education physique
Feininger, T.	Laval, Géologie
Gupta, V.	Laval, Mines et métallurgie
Kroeger, H.	Laval, Physique
Maillette, L.	Laval, Centre d'études nordiques
Piché, M.	Laval, Physique
Pineault, S.	Laval, Physique
Roy, D.	Laval, Physique
Hösli, J.P.	Laval, Exploitation et utilisation des bois
King, W.A.	Montréal, Médecine vétérinaire
Lépine, Y.	Montréal, Physique
Lessard, S.	Montréal, Mathématiques et statistiques
Ross, P.	Montréal, Sciences biologiques
Goff, K.	Montréal, Médecine vétérinaire
Hendershot, W.	Montréal, Géographie
Leclerc, A.	Québec à Chicoutimi, Sciences fondamentales
Tarasiewicz,S.	Québec à Chicoutimi, Sciences appliquées
Krzystyniak, K.	Québec à Montréal, Sciences biologiques
Mucci, A.	Québec à Rimouski, Océanographie
Marchildon, L.	Québec à Trois-Rivières, Physique
Miceli, D.	Québec à Trois-Rivières, Psychologie
Thibodeau, L.	Institut Armand-Frappier, Centre de recherche en virologie
Dao, L.	INRS-Energie

4.1.2 Attachés de recherche du CRSNG (continued/suite)

Name/Nom	Location of Tenure Endroit de validité
Lebel, D.	Sherbrooke, Biologie
MacGibbon-Taylor, B.	Sherbrooke, Mathématiques et informatique
Royer, A.	Sherbrooke, Géographie
Sharrock, P.	Sherbrooke, Chimie
Tremblay, A.M.	Sherbrooke, Physique
Payre, G.	Sherbrooke, Génie mécanique
Nadeau, D.	Sherbrooke, Biologie

N.B. The total amount awarded under this program was $1,091,784./
Le montant total accordé dans le cadre de ce programme est de $1 091 784.

4.2 Isolation Supplements to Small Universities/ Primes d'éloignement aux petites universités

University/Université	$
Acadia	15,340
Bishop's	1,770
Brandon	3,540
College of Cape Breton	2,950
Lakehead	27,140
Laurentian	17,110
Lethbridge	10,620
Moncton	10,620
Mount Allison	10,620
Nova Scotia Agricultural College	1,770
Prince Edward Island	4,130
Québec - Chicoutimi	15,340
Québec - Rimouski	5,310
Regina	21,240
St. Francis Xavier	11,800
Trent	11,800

4.3 Forestry Development Program/Programme de développement en foresterie

4.3.1 Forestry Postdoctoral Assistantships/Stages postdoctoraux en foresterie

Name/Nom	Location of Tenure/ Endroit de validité
Bains, B.S.	University of Alberta
Brebner, K.	University of New Brunswick
Butora, V.	University of British Columbia
Dickinson, T.	Lakehead University
Goodell, B.	Université Laval
Govindaraju, D.R.	University of Alberta
Grossnickle, S.C.	University of Toronto
Konar, S.K.	University of Toronto
Kyokong, B.	University of Toronto
Lindgren, B.	University of British Columbia
Remphrey, W.R.	University of New Brunswick
Singh, B.K.	University of Toronto
Smith, N.	University of British Columbia
Spielman, L.	University of Toronto
Wetzler, R.E.	University of Torontc

N.B. These awards were valued at $20,700 per annum as of 1 September 1983./
La valeur annuelle de ces bourses au 1er septembre 1983 était de $20 700.

4.3.2 Forestry Development Grants/Subventions de développement en foresterie

Name/Nom Department/Département University/Université	Title/Titre	$
Balatinecz, J.J. Forestry Toronto	Accelerated forest yields * with T.J. Blake, V.G. Smith (Toronto) Effective Date: October 1983 3yr - 1st Inst.	183,597
Bélanger, J. Aménag./sylvicult. Laval	Développement de la recherche en aménagement forestier * avec M. Dessureault, J.M. Dumont, M. Lortie, R.C. Naud, M. Pineau, A. Plamondon (Université Laval) Entrer en vigueur: Octobre 1983 2ans - 1er vers.	76,000
Dancik, B.P. Forest Science Alberta	Genetic variations and adaptation among populations of Lodgepole Pine in Alberta * with F.C. Yeh, C.R. Somerville, F.E. Norgang, K.O. Higginbotham, K. Morgan, C. Strobeck (Alberta) Effective Date: January 1983 2yr - 2nd Inst.	100,000
Farmer, R. Forestry Lakehead	The Genetics and Genecology of Larix laricina in Northern Ontario * with P.H. Knowles, A.D. MacDonald, W.H. Parker, R.J. Ross, K-C. Yang (Lakehead) Effective Date: October 1983 3yr - 1st Inst.	105,000
Methven, I.R. Forest Resources New Brunswick	Plant and soil capability for forest production * with P.A. Arp, R.B. Dickinson, H.H. Krause, C.H. Meng, E.K. Morgenstern, G.R. Powell (U.N.B) Effective Date: January 1983 2yr - 2nd Inst.	100,000
Weetman, G.F. Forestry British Columbia	Production in Lodgepole Pine communities * with B.J. Van Der Kamp, J.H. Bassman (U.B.C) Effective Date: October 1983 2yr - 1st Inst.	91,160

4.4 Northern Supplements/Suppléments pour la recherche dans le Grand Nord

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Adams, W.P. Geography Trent	Biologic and hydrologic roles of lake snow and ice	4,770	18
Albright, L.J. Biolog. Sciences Simon Fraser	Bacterial and microalgal productivities within the Mackenzie River plume	1,855	18
Ankney, C.D. Zoology Western Ontario	Ecological energetics & feeding ecology of birds/sex ratio egg sequence and egg weight of snow geese	4,240	18
Brassard, G.R. Biology Memorial	Bryological studies in Newfoundland and Arctic Canada	3,000	18
Brooks, R.J. Zoology Guelph	Population biology of microtine cycles	4,240	18
Cerny, P. Earth Sciences Manitoba	Mineralogy, petrology and genesis of granitic pegmatites	7,420	10
Chatterton, B.D.E. Geology Alberta	Taxonomic, paleoecologic, biostratigraphic and biogeographic studies of Paleozoic faunas of western and northern Canada, with concentration on trilobites and conodonts	8,268	10
Clarke, G.K.C. Geophys./Astron. British Columbia	Glaciology: Field study, theory and instrumentation	13,325	10
Cooke, F. Biology Queen's	A long term genetical, ecological and behavioural study of lesser snow goose population	13,992	18
Curtis, M.A. Parasitology Macdonald Coll.	Ecological/experimental parasitology	4,240	01
Cwynar, L.C. Botany Toronto	Paleoecology and dynamics of treeline and climate in beringia	4,240	18
Dixon, O.A. Geology Ottawa	Ordovician-devonian invertebrate fossils and sedimentary facies	7,420	10
Donaldson, J.A. Geology Carleton	Comparative studies of precambrian sedimentary rocks	4,000	10
Farmer, R.E. Forestry Lakehead	Genecology of Populus balsamifera L. in northwestern Ontario	3,180	18
Ford, D.C. Geography McMaster	Karst and quaternary field research in the Mackenzie Mountains between Root River and Arctic Red River	8,756	10
French, H.M. Geology Ottawa	Geomorphic and permafrost studies, Banks Island and northern interior Yukon * with A.G.Lewkowicz(Toronto),D.G.Harry(Western Ontario)	15,900	10

4.4 Northern Supplements (continued)/
Suppléments pour la recherche dans le Grand Nord (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Gagnon, R. Sci. fondamentales Québec-Chicoutimi	Déplacements de la limite des forêts de mélèze (Larix laricina (DuRoi) K. Koch) et paléoclimatologie holocène du Québec nordique	7,420	18
Geraci, J.R. Pathology Guelph	Lungworm as a limiting factor in ringed seal productivity * with G.J.Gallivan(Guelph)	7,420	01
Geurts, M.A. Géographie Ottawa	Palynostratigraphie et variations climatiques tardiglaciaires et postglaciaires	5,300	10
Gray, J.T. Geography Montréal	Permafrost and active layer studies in Northern Quebec	4,240	10
Halls, H.C. Geology Toronto	Paleomagnetism of igneous rocks from the Sverdrup Basin, NWT	3,710	10
Hay, A.E. Physics Memorial	Coastal and continental shelf oceanography	2,900	10
Hebert, P.D.N. Biology Windsor	The genetics and ecology of arctic zooplankton communities	9,010	18
Heinke, G.W. Civil Engineering Toronto	1) Environmental engineering in cold regions 2) Physical-chemical water and waste treatment	11,130	06
Hode Keyser, J. Génie civil Ecole Polytechnique	Conception et entretien des routes du nord	4,770	06
Ingram, R.G. Oceanography McGill	Logistic support for winter oceanographic work in Hudson Bay	7,420	10
Jefferies, R.L. Botany Toronto	The effects of lesser snow geese on tundra primary production	9,540	18
Jones, B. Geology Alberta	Silurian-devonian biostratigraphy of western Canada and Arctic Canada	11,660	10
Krebs, C.J. Zoology British Columbia	Population biology of small rodents	2,756	18
Lavigne, D.M. Zoology Guelph	Ecological interactions of harp seals in the Eastern Canadian Arctic	5,830	01
Legendre, L. Biologie Laval	Contrôle hydrodynamique de la photosynthèse phytoplanctonique	10,600	18
Lehn, W.H. Electrical Eng. Manitoba	Atmospheric refraction phenomena	1,590	17

4.4 Northern Supplements (continued)/
Suppléments pour la recherche dans le Grand Nord (suite)

Name/Nom Department/Département University/Université	Title/Titre	$	Committee Comité
Lewkowicz, A.G. Geography Toronto	Measurement and simulation of permafrost degradation on slopes, Banks Island	6,360	10
McCann, S.B. Geography McMaster	Field work in Queen Elizabeth Islands	9,540	10
Miller, E.H. Biology Victoria	Ecology and evolution of social behaviour in shorebirds (Charadrii)	4,346	10
Montgomerie, R.D. Biology Queen's	Tactics of reproduction in High Arctic birds	6,060	18
Moore, R.M. Oceanography Dalhousie	Trace element scavenging studies	6,000	10
Moore, T.R. Geography McGill	The biogeochemistry of northern peatlands	6,360	10
Murthy, G.S. Earth Sciences Memorial	Paleomagnetic field trip to northern Labrador to sample 1) The Archean gneisses and diabase dikes from the Hebron-Saglek region 2) The Kiglapait layered instrusion, north of Nain	9,222	10
Payette, S. Etudes nordiques Laval	Processus géomorphologiques et ecologiques subarctiques et arctiques du Nord Québecois * avec M.Allard,L.Filion,L.Maillette,P.Morisset, R.Gauthier(Laval)	13,780	18
Risk, M.J. Geology McMaster	1) Paleontology of Arctic bivalves 2) Biological destruction of reef frameworks	6,890	10
Rivers, C.J.S. Earth Sciences Memorial	Metamorphic and structural studies in the Grenville, Slave and Churchill Provinces	6,890	10
Roff, J.C. Zoology Guelph	Energy fluxes from planktonic and epontic communities to benthos	10,600	18
Rouse, W. Geography McMaster	Climatic impact of Hudson Bay on coastal tundra - energy and water balance studies in the low Arctic	5,300	10
Schwerdtner, W.M. Geology Toronto	Deformation of anhydrite hoods of salt diapirs, Axel Heiberg Island, Canadian Arctic	8,480	10
Sinclair, A.R.E. Animal Res. Ecol. British Columbia	Functional dynamics of the vertebrate community in the Kluane Region, Yukon * with C.J.Krebs,J.N.M.Smith(British Columbia)	6,360	18
Thomas, V.G. Zoology Guelph	The body as its own nutrient resource in hares and grouse	3,760	01
Woo, M.K. Geography McMaster	Wetland hydrology in a permafrost environment	6,360	10

5. GENERAL RESEARCH SUPPORT

5. AIDE GENERALE A LA RECHERCHE

5.1 Scientific Publication Grants/Subventions à des publications scientifiques

Publication	Publisher/Editeur	$
Arctic	Arctic Institute of North America	12,500
ARS Combinatoria	Charles Babbage Research Centre 2yr - 1st Inst.	4,000
Atmosphere-Ocean	Canadian Meteorological and Oceanographic Society	2,000
Canadian Aeronautics and Space Journal	Canadian Aeronautics and Space Institute	10,000
Canadian Agricultural Engineering	Agricultural Institute of Canada 3yr - 1st Inst.	9,000
Canadian Electrical Engineering Journal	Engineering Institute of Canada	12,000
Canadian Entomologist	Entomological Society of Canada	32,000
Canadian Journal of Animal Science Canadian Journal of Plant Science Canadian Journal of Soil Science	Agricultural Institute of Canada 3yr - 1st Inst	42,500
Canadian Journal of Animal Science * Special Issue	Agricultural Institute of Canada	7,500
Canadian Journal of Chemical Engineering	Chemical Institute of Canada 2yr - 1st Inst.	65,000
Canadian Journal of Mathematics	Canadian Mathematical Society 3yr - 1st Inst.	70,000
Canadian Journal of Plant Pathology	Canadian Phytopathological Society 2yr - 1st Inst.	7,000
Canadian Journal of Psychology	Canadian Psychological Association	6,000
Canadian Journal of Spectroscopy	Multiscience Publications Ltd.	17,000
Canadian Journal of Statistics	Statistical Society of Canada 3yr - 1st Inst.	19,000
Canadian Mathematical Bulletin	Canadian Mathematical Society 3yr - 1st Inst.	21,000
Cartographica	University of Toronto Press	15,000
Clinical Biochemistry	Chemical Institute of Canada 3yr - 1st Inst.	10,000
Géographie physique et quaternaire	Presses de l'Université de Montréal	15,000
Geoscience Canada	Geological Association of Canada 3yr - 1st Inst.	18,000
INFOR	Canadian Information Processing Society (CIPS) and Canadian Operational Research Society (CORS)	10,000
Journal of Pulp and Paper Science	Technical Section, CPPA	5,000

5.1 Scientific Publication Grants (continued)
Subventions à des publications scientifiques (suite)

Publication	Publisher/Editeur	$
Journal of the Royal Astronomical Society of Canada	Royal Astronomical Society of Canada 3yr - 1st Inst.	10,000
Le Naturaliste canadien	Université Laval	20,000
Les annales des sciences mathématiques du Québec	Groupe des chercheurs en sciences mathématiques du Québec 3ans - 1er versement	2,000
Proceedings of the Nova Scotian Institute of Science	Nova Scotian Institute of Science 3yr - 1st Inst.	6,000
Sciences et techniques de l'eau	Association québécoise des techniques de l'eau	7,000
Sulphur Mountain Cosmic Ray Intensity Registrations	The University of Calgary Press	1,000
The Canadian Mineralogist	Mineralogical Association of Canada	14,000
The Canadian Surveyor	Canadian Institute of Surveying 3yr - 1st Inst.	9,000
The Carsweel Structure Uranium Deposits, Saskatchewan (A Special Paper of the Geological Association of Canada)	Geological Association of Canada	9,000
Transactions of the Canadian Society for Mechanical Engineering	Canadian Society for Mechanical Engineering 2yr - 1st Inst.	500
Utilitas Mathematica	Utilitas Mathematica Publishing Inc. 3yr - 1st Inst.	6,800

5.2 Conference Grants/Subventions pour conférences

Title/Titre	$
Animal Biology/Biologie animale	
Canadian Society of Zoologists Annual Meeting University of Ottawa, May 1983	2,000
Canadian Society of Zoologists Annual Meeting Comparative Physiology Symposium Acadia University, May 1984	3,000
Human Muscle Power: Factors Underlying Maximal Performance McMaster University Health Sciences Centre, July 1984	10,000
1984 Annual Meeting Canadian Society of Zoologists Feeding Migrations Symposium Acadia Universitv, May 1984	3,000
Tissues Culture in Neurobiology (Satellite Symposium to the IX Meeting of International Society for Neurochemistry) University of Saskatchewan, July 1983	4,200
Cell Biology and Genetics/Biologie cellulaire et génétique	
Annual Meeting, Genetics Society of Canada University of Ottawa, June 1983	3,450
Canadian Federation of Biological Societies University of Saskatchewan, June 1984	10,000
Joint Annual Meeting of the Genetics Society of Canada and the Genetics Society of America Vancouver, British Columbia, August 1984	17,500
Molecular Aspects of Membrane Structure and Function Banff Springs Hotel, Banff, Alberta, April 1984	5,500
Second International Conference on Copepoda University of Ottawa, August 1984	7,500
The Physics of Monolayers, Bilayers and Biological Membranes II McGill University, June 1983	4,000
Plant Biology/Biologie végétale	
Annual Meeting, Canadian Society of Plant Physiologists Simon Fraser University, July-August 1984	2,100
Current Research on Frankia and Actinorhizal Plants (An International Symposium) Forêt Montmorency, Québec, August 1984	2,541
Meeting of the Canadian Botanical Association/ L'Association Botanique du Canada University of New Brunswick, June 1984	1,562
Verticillium Wilt of Alfalfa University of Guelph, August 1984	1,080

5.2 Conference Grants (continued)/Subventions de conférences (suite)

Title/Titre	$
Chemical and Metallurgical Engineering/Génie chimique et métallurgique	
Failure Processes in Fibre Composites The Briars, Jackson Point, Ontario, May 1984	2,166
Chemistry/Chimie	
First International Symposium on Solubility Phenomena University of Western Ontario, August 1984	2,400
Fourth International Conference on the Organometallic and Coordination Chemistry of Germanium, Tin and Lead McGill University, August 1983	6,569
IUPAC Conference on Chemical Thermodynamics and The Calorimetry Conference McMaster University, August 1984	4,000
Ninth Canadian Seminar on Surfaces University of British Columbia, June 1983	3,303
Tenth Canadian Seminar on Surfaces McGill University, May-June 1984	1,900
31st Annual Conference of the Spectroscopy Society of Canada Gray Rocks Inn, St-Jovite, Québec, October 1984	1,800
Civil Engineering/Génie civil	
FIP/CPCI Symposia Calgary, Alberta, August 1984	21,500
Fourth Canadian Conference on Earthquake Engineering University of British Columbia, June 1983	3,260
International Symposium on Landslides Rexdale, Ontario, September 1984	25,750
Oil and Freshwater: Chemistry, Biology Technology University of Alberta, October 1984	8,000
Second Canadian Seminar on Systems Theory for the Civil Engineer University of Calgary, May 1984	5,850
Third Canadian Masonry Symposium University of Alberta, June 1983	3,000
Third International Workshop on Transit Vehicle and Crew Scheduling Université de Montréal, June 1983	2,000

5.2 Conference Grants (continued)/Subventions de conférences (suite))

Title/Titre	$
Computing and Information Science/Informatique	
CIPS Session '84 Calgary, May 1984	12,000
Conference on Numerical Mathematics and Computing University of Manitoba, October 1983	2,300
CORS '84 Conference Ottawa, Ontario, May 1984	2,300
Fifth National Conference: CSCSI/SCEIO University of Western Ontario, May 1984	3,500
Gatlinburg IX - International Symposium on Numerical Algebra University of Waterloo, July 1984	13,500
Graphics Interface '84 University of Ottawa, May-June 1984	4,000
Session '83 Converging Technologies Carleton University, May 1983	6,000
3rd ACM Symposium on Principles of Distributed Computing Vancouver, British Columbia, August 1984	2,100
Earth Sciences/Sciences de la Terre	
Deuxième symposium sur l'océanographie de l'estuaire du Saint-Laurent Université Laval, mai 1984	3,800
18th Annual Congress of Canadian Meteorological and Oceanographic Society and 11th Annual Meeting of the Canadian Geophysical Union Halifax, Nova Scotia, May-June 1984	5,500
Mafic Dyke Swarms Erindale Campus, University of Toronto, May 1985	22,129
Recent Geochemical Advances in the Study of Ore Deposits Montréal, May 1984	7,000
Second International Organization of Paleobotany Conference University of Alberta, August 1984	10,262
Sedimentology of Shelf Sands and Sandstones University of Calgary, June 1984	9,300
Electrical Engineering/Génie électrique	
14th International Symposium on Multiple-Valued Logic Fort Garry Hotel, Winnipeg, Manitoba, May 1984	2,000
1984 Canadian Conference on Very Large Scale Integration University of Alberta, October 1984	3,000

5.2 Conference Grants (continued)/Subventions de conférences (suite)

Title/Titre	$
1984 IEEE International Symposium on Circuits and Systems Montréal, Québec, May 1984	6,993
Psychology/Psychologie	
Fifth World Conference on Biomagnetism Vancouver, British Columbia, August 1984	17,650
Pleasure, Pain, Value and Affect University of British Columbia, March 1984	6,451
Mechanical Engineering/Génie mécanique	
Eleventh Canadian Fracture Conference University of Ottawa, June 1984	2,728
Iceberg Management in Offshore Exploration, Production and Transportation St-John's, Newfoundland, July 1984	4,400
National Engineering Conference Week 1984 Halifax, Nova Scotia, May 1984	8,000
Safety Management for Offshore Operations on Canada's East Coast St-John's, Newfoundland, June 1984	3,500
Statistical Sciences/Statistiques	
2nd International Symposium in Probability and Informational Theory McMaster University, August 1984	5,000
Statistical Society of Canada, 1984 Annual Meeting University of Guelph, May 1984	8,000
Physics/Physique	
Canadian Metal Physics Conference Royal Military College, June 1984	5,000
Canadian Metal Physics Conference Royal Military College, June 1983	1,400
NATO Advanced Study Institute, "Wall Plasma Interactions" Far Hill, Val Morin, Québec, July-August 1984	6,000
Yukon Advanced Study Institute, The Quark Structure of Matter Whitehorse, Yukon, August 1984	10,000

5.2 Conference Grants (continued)/Subventions de conférences (suite)

Title/Titre	$
Pure and Applied Mathematics/Mathématiques pures et appliquées	
Canadian Applied Mathematics Society Annual Meeting Vancouver, British Columbia, July 1984	3,700
Canadian Mathematical Society Annual Seminar on Algebraic Geometry University of British Columbia, July 1984	6,667
Canadian Mathematical Society Annual Seminar - Lie Algebras and Related Topics University of Windsor, June-July 1984	9,000
Canadian Mathematical Society Annual Summer Meeting University of Alberta, June 1984	12,000
Canadian Mathematical Society Annual Winter Meeting University of Western Ontario, December 1984	16,720
Finite Geometries Winnipeg, Manitoba, May 1984	5,000
Finite Geometries Winnipeg, Manitoba, July 1984	3,000
4th International Conference on Representations of Algebras Carleton University, August 1984	10,000
Graphs and Order Banff Centre, Banff, Alberta, May 1984	8,500
Numerical Solution of Boundary Value ODE's University of British Columbia, July 1984	9,750
Operator Therry and Operator Algebra Symposium Dalhousie University, May 1984	6,000
Optimization Days 1984 Concordia University, May 1984	2,950
Qualitative Theory of Differential Equations University of Alberta, June 1984	6,745
Séminaire de Mathématiques Supérieures, 23e Session: "Algèbre universelle et relations" Université de Montréal, juillet à août 1984	7,340
Sixth Canadian Symposium on Fluid Dynamics McGill University, June 1984	5,000
Space and Astronomy/Recherche spatiale et astronomie	
Cepheids: Theory and Observation University of Toronto, May-June 1984	3,000

5.2 Conference Grants (continued)/Subventions de conférences (suite)

Title/Titre	$
Population Biology/Etudes biologiques des populations	
American Society of Limnology and Oceanography (ASLO) Annual Meeting University of British Columbia, June 1984	5,000
Faunal Influences on Soil Structure Edmonton, Alberta, June 1984	7,550
Plant Biosystematics: 40 years later McGill University, July 1983	13,241
7th International Symposium of Odonatology University of Calgary, August 1983	6,000
7th International Union of Forestry Research Organizations Conference on Mycoplasma Diseases Edmonton, Alberta, July 1984	1,000
Workshop on Regional and Global Cycling of Heavy Metals in the Environment Guild Inn, Toronto, September 1984	5,000
Industrial Engineering/Génie industriel	
International Conference on Occupational Ergonomics Harbour Castle Hilton, Toronto, May 1984	6,000
Interdisciplinary/Interdisciplinaire	
Biomembrane Conference St. Francis Xavier University, July 1984	6,000
5th Annual Conference, Canadian Association for Biological Safety University of British Columbia, May-June 1984	5,180
Potash '83, International Potash Technology Conference Saskatoon, October 1983	10,683
SESCI '84 University of Calgary, August 1984	8,000
Symposium on Risk and Benefits of Energy Production University of Waterloo, October 1984	4,000
Nuclear Science/Sciences nucléaires	
Radiative Processes TRIUMF, UBC Campus, May 1984	5,000

5.3 Travel Grants/Subventions de voyage

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Abraham, B. Statistics Waterloo	To spend leave at: University of Western Australia, Australia (January 1984 to June 1984)	2,892	14
Alspach, B.R. Mathematics Simon Fraser	To spend leave at: University of Newcastle, Australia (December 1983 to May 1984)	1,450	16
Anctil, M. Sciences biolog. Montréal	Lieu du stage: Marine Biological Laboratory, Woods Hole, MA U.S.A.(août 1983 à novembre 1983)	300	01
Arminjon, P. Math/statistiques Montréal	Lieu du stage: Institut national le recherches en informatique et automatique, France (juillet 1983 à juillet 1984)	1,789	16
Baker, A.G. Psychology McGill	To spend leave at: University of Cambridge, Cambridge, England (August 1983 to August 1984)	1,698	12
Ballivy, G. Génie civil Sherbrooke	Lieu du stage: Université de Grenoble, France (septembre 1983 à juillet 1984)	1,650	06
Baron, G.P.J. Sciences biolog. Montréal	Lieu du stage: Max-Planck-Institut für Hirnforschung, Frankfurt, Allemagne (juin 1983 à décembre 1983)	950	01
Barrett, S.C. Botany Toronto	To spend leave at: CSIRO, Division of Plant Industry, Canberra, Australia (August 1983 to August 1984)	3,430	18
Bellhouse, D.R. Stat. & Actuar. Sc Western Ontario	To spend leave at: Imperial College, London, England (July 1983 to December 1983)	1,754	14
Bloom, T. Mathematics Toronto	To spend leave at: Université de Paris, France (April 1983 to June 1983)	946	16
Bols, N. Biology Waterloo	To spend leave at: University of California, La Jolla, CA USA (October 1983 to April 1984)	850	02
Boonstra, R. Life Sciences Toronto	To spend leave at: 1) Monash University, Victoria, Australia 2) CSIRO, Lyneham, Australia (July 1983 to June 1984)	1,820	18
Bottomley, F. Chemistry New Brunswick	To spend leave at: 1) Sophia Univ., Tokyo, Japan 2) Institut für Anorganische und Analytische Chemie, Technische Universitat, Berlin, Germany (July 1983 to June 1984)	1,807	05
Boyd, R.J. Chemistry Dalhousie	To spend leave at: Lehrstuhl für Theoretische Chemis, Universitat Bonn, Bonn, Germany (July 1983 to June 1984)	1,000	05
Brzozowski, J.A. Computer Science Waterloo	To spend leave at: Universidade de Sao Paulo, Sao Paulo, Brazil (August 1983 to November 1983)	2,080	07
Bui, T.D. Computer Science Concordia	To spend leave at: University of California, Berkeley, CA USA (June 1983 to June 1984)	900	07

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Bushuk, W. Plant Science Manitoba	To spend leave at: Flour Milling and Baking Research Association, Chorleywood, Rickmansworth, England and Baking Research Institute, North Ryde, N.S.W., Australia (July 1983 to June 1984)	2,000	03
Cameron, C.A. Psychology New Brunswick	To spend leave at: University of London, England (July 1983 to June 1984)	1,475	12
Canonne, P. Chimie Laval	Lieu du stage: Université Claude Bernard, Lyon, France (août 1983 à décembre 1983)	950	05
Cantwell, F.F. Chemistry Alberta	To spend leave at: University of Arizona, Tuscon, Arizona, USA (September 1983 to August 1984)	578	05
Chen, T.T. Biology McMaster	To spend leave at: National Institute of Health, Bethesda, MD, USA (August 1983 to July 1984)	300	02
Chia, F.S. Zoology Alberta	To spend leave at: 1) University of Hawaii, USA 2) Toyema University of Japan 3) National Science Council, Taiwan 4) Kristinaberg Marine Station, Sweden (July 1983 to August 1984)	2,700	01
Cohn, M.Z. Civil Engineering Waterloo	To spend leave at: Centre d'Etudes des batiments et travaux publics, Paris, France (September 1983 to August 1984)	2,100	06
Corneil, D.G. Computer Science Toronto	To spend leave at: Laboratoire d'informatique et de mathématiques appliquées de Grenoble et Université scientifique et médicale de Grenoble, France (July 1983 to June 1984)	2,113	07
Davidson-Arnott, R.G.D. Geography Guelph	To spend leave at: University of Sydney, Sydney, Australia (September 1983 to August 1984)	3,258	10
Day, R.A. Mathematical Sci. Lakehead	To spend leave at: Technische Hochschule, W Germany (July 1983 to December 1983)	2,100	16
De Koninck, J.M. Mathématiques Laval	Lieu du stage: Université de Paris, France (janvier 1984 à avril 1984)	1,700	16
Delisle, G.Y. Génie électrique Laval	Lieu du stage: Centre d'Etude des Phénomènes Aléatoires et Géophysiques, France (mai 1984 à août 1984)	2,400	11
Devroye, L. Computer Science McGill	To spend leave at: Australian National University, Canberra, Australia (December 1983 to June 1984)	4,028	07
Dick, T.A. Zoology Manitoba	To spend leave at: Cornell University, Ithaca, NY USA (January 1983 to June 1983)	761	01
Dodson, J.J. Biology Laval	To spend leave at: Ministry of Agriculture, Lowestoft, England (January 1984 to December 1984)	1,500	18

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Doig, R. Geological Sciences McGill	To spend leave at: University of the Witwatersrand, Johannesburg, South Africa (September 1983 to April 1984)	3,085	10
Donnay, G. Geological Sciences McGill	To spend leave at: University of Tokyo, Tokyo, Japan (August 1983 to July 1984)	2,300	10
Driedzic, W.R Biology Mount Allison	To spend leave at: University of St. Andrews, Scotland (July 1983 to June 1984)	1,900	01
Egerton, R.F. Physics Alberta	To spend leave at: Cambridge University, Cambridge, UK (July 1983 to June 1984)	1,943	15
Evans, M.J. Statistics Toronto	To spend leave at: Stanford University, Stanford, CA USA (July 1983 to July 1984)	1,000	14
Feuerstein, I.A. Chemical Eng. McMaster	To spend leave at: Estelle Doheny Eye Foundation, Los Angeles, CA, USA (July 1983 to June 1984)	1,000	04
Fleming, D.G. Chemistry British Columbia	To spend leave at: Max-Planck Institut für Stromungsforschung, Göttingen and Physikalisches Institut der Universitat, Heidelberg, West Germany (September 1983 to August 1984)	2,500	22
Forst, W. Chemistry Laval	To spend leave at: SRI International, Menlo Park, CA, USA (September 1983 to August 1984)	1,200	05
Fournier, G. Math/informatique Sherbrooke	Lieu du stage: Institut Mathématique, Université Catholique de Louvain, Belgique (août 1983 à août 1984)	1,800	16
Fowke, L.C. Biology Saskatchewan	To spend leave at: 1) Friedrich-Miescher-Institut, Switzerland 2) University of Uppsala, Sweden (September 1983 to June 1984)	2,200	02
Frei, G.H. Mathématiques Laval	Lieu du stage: Forschungsinstitut fuer Mathematik, Zuerich, Suisse (août 1983 à juillet 1984)	1,800	16
Fryer, B.J. Earth Sciences Memorial	To spend leave at: Universidade de Sao Paulo, Sao Paulo, Brasil (September 1983 to August 1984)	2,338	10
Fyfe, W.S. Geology Western Ontario	To spend leave at: 1) CSIRO, Division of Land use Research, Canberra, Australia 2) Department of Mineral Resources, Bangkok, Thailand 3) Tianjin Institute of Geology and Mineral Resources, Chinese Academy Geology Sciences, Tianjin, China (July 1983 to July 1984)	3,954	10
Gibbs, S.P. Biology McGill	To spend leave at: Université de Paris, France (September 1983 to August 1984)	1,700	02
Gittins, J. Geology Toronto	To spend leave at: University of Cambridge, England (July 1983 to August 1984)	1,600	10

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Gravenor, C.P. Geology Windsor	To spend leave at: University of Natal, South Africa (January 1984 to June 1984)	3,100	10
Gupta, R.P. Math,Stat&Comp Sc Dalhousie	To spend leave at: University of Michigan, U.S.A. (January 1984 to June 1984)	450	14
Guttman, I. Statistics Toronto	To spend leave at: University College, London, England (April 1984 to December 1984)	1,754	14
Hall, R.L. Geology & Geophys. Calgary	To spend leave at: University of Western Australia, Australia (June 1983 to June 1984)	2,400	10
Hancock, H.A. Mining/Metal. Eng. Tech. Univ. N.S.	To spend leave at: University of Cambridge, Cambridge, England (September 1983 to April 1984)	1,000	04
Hardy, E.J. Physique Laval	Lieu du stage: Kitt Peak National Observatory, USA (septembre 1983 à septembre 1984)	866	17
Harms, A.A. Eng. Physics McMaster	To spend leave at: 1) Culham Laboratory, Abingdon, England 2) Nuclear Research Centre, Juelich, Germany 3) Swiss Institute for Nuclear Research, Villigen, Switzerland (April 1983 to July 1983)	2,562	21
Harris, G.P. Biology McMaster	To spend leave at: Freshwater Biological Association, Cambria, U.K. (July 1983 to June 1984)	1,800	18
Haussmann, U.G. Mathematics British Columbia	To spend leave at: Université de Paris (VI), Paris and Université de Provence, Marseille, France (September 1983 to August 1984)	2,250	16
Heinrich, K. Mathematics Simon Fraser	To spend leave at: University of Newcastle, Australia (December 1983 to April 1984)	1,416	16
Hengartner, W. Mathématiques Laval	Lieu du stage: Indiana University, Bloomington, Indiana, USA (septembre 1983 à juin 1984)	704	16
Hill, P.G. Mechanical Eng. British Columbia	To spend leave at: Massachusetts Institute of Technology, Cambridge, MA USA and Cambridge University, Cambridge, UK (July 1983 to June 1984)	2,631	13
Hiscott, R.N. Earth Sciences Memorial	To spend leave at: University of Rhode Island, Kingston, Rhode Island, USA (September 1983 to August 1984)	865	10
Hoffmann, G.W. Physics British Columbia	To spend leave at: Max Planck Institut für Immunbiologie, Stübeweg, Germany (July 1983 to December 1983)	2,508	21
Hruska, F. Chemistry Manitoba	To spend leave at: Centre d'Etudes Nucléaires de Grenoble, France (January 1984 to July 1984)	2,050	05
Ingledew, W.M. Micro. & Food Sc. Saskatchewan	To spend leave at: University of California, Davis, CA USA (July 1983 to June 1984)	650	02

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Irish, D.E. Chemistry Waterloo	To spend leave at: University of Karlsruhe, Institute for Physical Chemistry & Electrochemistry. West Germany (September 1983 to December 1983)	874	05
Jelen, P. Food Science Alberta	To spend leave at: Swiss Federal Institute of Technology, Zurich, Switzerland (September 1983 to January 1984)	2,200	03
Jericho, M.H. Physics Dalhousie	To spend leave at: ETH, Zurich, Switzerland (September 1983 to September 1984)	1,656	15
Kaiser, P.K. Civil Engineering Alberta	To spend leave at: University of Aachen, Aachen, West Germany (July 1983 to June 1984)	2,392	06
Keppie, D.M. Forest Resources New Brunswick	To spend leave at: Colorado Division of Wildlife, Fort Collins, Colorado, U.S.A. (June 1983 to June 1984)	1,250	18
Kerman, R.A. Mathematics Brock	To spend leave at: Northwestern University, Illinois, USA (January 1983 to June 1983)	315	16
Kerrich, R. Geology Western Ontario	To spend leave at: University of Melbourne, Victoria, Australia (January 1984 to June 1984)	3,200	10
Kershaw, K.A. Biology McMaster	To spend leave at: University of Tokyo, Japan (July 1983 to June 1984)	1,507	18
Kitching, J.E. Physics McGill	To spend leave at: 1) University of Toronto, Canada 2) Stanford University, Stanford, CA USA (June 1983 to August 1984)	1,000	22
Kosaric, N. Chem./Biochem. Eng Western Ontario	To spend leave at: ETH, Zurich, Switzerland (July 1983 to June 1984)	2,000	04
Kulak, G.L. Civil Engineering Alberta	To spend leave at: Ecole Polytechnique Federale de Lausanne, Switzerland (July 1983 to June 1984)	2,485	06
Lacalli, T.C. Biology Saskatchewan	To spend leave at: University of Sydney, Sydney and James Cook University, Townsville, Australia (November 1983 to February 1984)	2,690	01
Larson, D.J. Biology Memorial	To spend leave at: Biosystematics Research Institute, Ottawa, Canada (September 1983 to May 1984)	500	18
Lavoie, J.L. Mathématiques Laval	Lieu du stage: Florida Atlantic University, Florida, USA (janvier 1984 à juin 1984)	550	16
Law, J. Physics Guelph	To spend leave at: University of Surrey, Guildford, UK (September 1983 to August 1984)	1,674	15
Lee, Y. Mechanical Eng. Ottawa	To spend leave at: Heat Transfer Laboratory, Institute of Atomic Energy, Kyoto University, Uji, Japan (September 1983 to August 1984)	1,852	13

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Le May, I. Mechanical Eng. Saskatchewan	To spend leave at: COPPE/UFRJ, Rio de Janeiro, Brazil (July 1983 to June 1984)	3,000	04
Lepock, J.R. Physics Waterloo	To spend leave at: University of North Carolina, Chapel Hill, NC, USA(August 1983 to August 1984)	450	02
Lett-Revusky, B.T. Psychology Memorial	To spend leave at: University of California, Los Angeles, CA USA (January 1984 to April 1984)	1,450	12
Levy, B.A. Psychology McMaster	To spend leave at: Macquarie University, New South Wales and Monash University, Victoria, Australia (July 1983 to July 1984)	3,426	12
Loulou, R. Operations Research McGill	To spend leave at: Grenoble University, Grenoble-Cédex, France (July 1983 to June 1984)	1,800	20
Lu, B.C.K. Botany & Genetics Guelph	To spend leave at: University of North Carolina, Chapel Hill, NC U.S.A. (September 1983 to August 1984)	400	02
MacDougall, J.W. Electrical Eng. Western Ontario	To spend leave at: SRI International, Menlo Park, CA, USA (January 1984 to June 1984)	1,023	17
MacKenzie, I.K. Physics Guelph	To spend leave at: Cambridge University, Cambridge, England (January 1984 to September 1984)	1,674	15
Mackie, G.L. Zoology Guelph	To spend leave at: University of Virginia, U.S.A. (May 1983 to February 1984)	350	18
Makkai, M. Mathematics McGill	To spend leave at: 1) Hungarian Academy of Sciences, Budapest, Hungary, 2) Universite Paris, Paris, France (September 1983 to December 1984)	2,000	16
Malouin, J.L. Opér./syst. de déc Laval	Lieu du stage: University of California at Los Angeles, CA USA (septembre 1983 à août 1984)	1,100	20
March, R.E. Chemistry Trent	To spend leave at: University of Wales, Swansea Wales, UK (July 1983 to December 1983)	1,594	05
Martens, G.O. Electrical Eng. Manitoba	To spend leave at: University of Erlangen-Nürnberg, West Germany (July 1983 to June 1984)	2,120	11
Martini, I.P. Land Resource Sc Guelph	To spend leave at: James Cook University, Townsville, Australia (September 1983 to March 1984)	3,200	10
McConkey, J.W. Physics Windsor	To spend leave at: California Institute of Technology, Pasadena, CA, USA (September 1983 to August 1984)	802	15
McDonald, D.R. Mathematics Ottawa	To spend leave at: Centre de Mathématiques Appliquées, Ecole Polytechnique, France (June 1983 to June 1984)	800	14

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
McGowan, J.W. Physics Western Ontario	To spend leave at: Universite Catholique de Louvain, Belgique (July 1983 to June 1984)	1,200	15
McMahon, T.B. Chemistry New Brunswick	To spend leave at: University of Alberta, Edmonton, Alberta (September 1983 to August 1984)	675	05
McQueen, H.J. Mechanical Eng. Concordia	To spend leave at: Technische Universitat Hamburg-Hamburg, Germany (June 1983 to May 1984)	1,800	04
Milne, J.B. Chemistry Ottawa	To spend leave at: Université des Sciences et Techniques du Languedoc, France (July 1983 to July 1984)	2,042	05
Milnes, P. Mathematics Western Ontario	To spend leave at: Victoria Commonwealth University, USA (July 1983 to November 1983)	500	16
Mitchell, K.A.R. Chemistry British Columbia	To spend leave at: National Research Council, Ottawa, Canada (September 1983 to August 1984)	889	05
Morales, P.A. Math/informatique Sherbrooke	Lieu du stage: Université de Clermont, France (avril 1983 à juillet 1983)	1,422	16
Morisset, P. Biologie Laval	Lieu du stage: Harvard University, Cambridge, Mass. USA (août 1983 à juin 1984)	390	18
Morrish, A.H. Physics Manitoba	To spend leave at: University of Western Australia, Western Australia, Australia (May 1983 to September 1983)	2,300	15
Nieto, J.I. Math/statistiques Montréal	Lieu du stage: Université des Sciences et Techniques du Languedoc, France (juin 1983 à mai 1984)	2,050	16
Northwood, D.O. Eng Materials Windsor	To spend leave at: University of Queensland, Brisbane, Australia (August 1983 to July 1984)	3,000	04
Novitsky, J.A. Biology Dalhousie	To spend leave at: University of Hawaii, Honolulu, HI, USA (July 1983 to June 1984)	1,400	02
O'Driscoll, K.F. Chemical Eng. Waterloo	To spend leave at: University of Lancaster UK (September 1983 to August 1984)	1,200	04
Paliotta, D. Biology Laval	To spend leave at: Research Institute of Scripps Clinic, La Jolla, CA USA (July 1983 to July 1984)	1,000	02
Parameswaran, M.R. Math./Astronomy Manitoba	To spend leave at: Fern Universitat, W. Germany (May 1983 to July 1983)	2,100	16
Parsons, R.R. Physics British Columbia	To spend leave at: University of Sydney, Australia (January 1984 to August 1984)	1,826	15

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Philippin, G.A. Mathématiques Laval	Lieu du stage: Ecole Polytechenique de Zürich, Suisse et l'Université Cornel, USA (septembre 1983 à août 1984)	2,000	16
Pickerill, R.K. Geology New Brunswick	To spend leave at: University of Liverpool, England (July 1983 to December 1983)	1,600	10
Prince, R.H. Physics York	To spend leave at: University of Cambridge, England (July 1983 to June 1984)	1,674	15
Purdy, G.R. Metal/Mat. Science McMaster	To spend leave at: 1) The Royal Institute of Technology, Stockholm, Sweden 2) Institut National Polytechnique de Grenoble, France (July 1983 to June 1984)	2,100	04
Queen, A. Chemistry Manitoba	To spend leave at: 1) University of Kent 2) University of Salford, England (April 1983 to August 1983)	2,050	05
Quinn, J.P. Math/Comp Science St. F. Xavier	To spend leave at: University of British Columbia, Vancouver, Canada (September 1983 to May 1984)	1,000	16
Raghavan, V.V. Computer Science Regina	To spend leave at: Technische Universitat Berlin, Germany (July 1983 to June 1984)	2,245	07
Rauser, W.E. Botany & Genetics Guelph	To spend leave at: University of Zurich, Zurich, Switzerland (August 1983 to December 1983)	1,670	03
Revusky, S.H. Psychology Memorial	To spend leave at: University of California, CA USA (January 1984 to April 1984)	1,450	12
Ribenboim, P. Math/Statistics Queen's	To spend leave at: Université Pierre et Marie Curie, France (May 1983 to July 1983)	1,750	16
Ribes, L. Math/Statistics Carleton	To spend leave at: 1) Technische Universitat Wien, Austria 2) Consejo Superior de Investigaciones Cientificas, Spain 3) Hebrew University, Israel (July 1983 to July 1984)	1,985	16
Rothstein, S.M. Chemistry Brock	To spend leave at: University of California, Berkeley, CA USA (September 1983 to April 1984)	893	05
Rowe, D.J. Physics Toronto	To spend leave at: University of Canterbury, New Zealand (March 1984 to May 1984)	2,030	15
Schreiber, H.P. Chemical Eng. Ecole Polytechnique	To spend leave at: 1) Université de Haute Alsace, France 2) University of Aberdeen, Scotland 3) IBM Research Laboratories, San Jose, CA U.S.A. (September 1983 to May 1984)	2,100	04
Seaquist, E.R. Astronomy Toronto	Canadian very long baseline array	7,980	17
Sember, J.J. Mathematics Simon Fraser	To spend leave at: New Mexico State University, USA (September 1983 to December 1983)	650	16

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Shadwick, W.F. Applied Math. Waterloo	To spend leave at: University of California, Berkeley, CA USA (May 1983 to July 1983)	949	16
Sheppard, D.M. Physics Alberta	To spend leave at: Université de Grenoble, France (July 1983 to June 1984)	2,400	22
Sherif, H.S. Physics Alberta	To spend leave at: Centre d'etudes Nucléaires de Saclay, France (January 1984 to June 1984)	2,100	15
Siddiqi, J.A. Mathématiques Laval	Lieu du stage: Institut Stekalov, URSS (mai 1983 à juillet 1983)	2,000	16
Smith, T.E. Geology Windsor	To spend leave at: Camborne School of Mines, Cornwall, UK (July 1983 to June 1984)	1,886	10
Smith, T.K. Nutrition Guelph	To spend leave at: University of Kuopio, Finland (September 1983 to August 1984)	2,171	01
Smylie, D.E. Earth & Atmos. Sc. York	To spend leave at: Australian National University, Canberra, Australia (September 1983 to August 1984)	3,600	10
Spencer, A.N. Zoology Alberta	To spend leave at: Université Pierre et Marie Curie, Villefranche-sur-mer, France (August 1983 to August 1984)	2,198	02
Steele, J.E. Zoology Western Ontario	To spend leave at: Kobe University, Kobe, Japan (January 1984 to July 1984)	2,358	01
Stockdale, P.H.G. Veter. Microbiol Saskatchewan	To spend leave at: Institute of Medical Research and University of Melbourne, Australia (July 1983 to June 1984)	3,348	01
Storey, K.B. Biology Carleton	To spend leave at: 1) Universidad Autónoma de Madrid, Spain 2) Université de Louvain, Brussels, Belgium (December 1983 to July 1984)	2,100	02
Stringer, P. Geology New Brunswick	To spend leave at: The University of Manchester, Manchester, England (July 1983 to December 1983)	1,696	10
Stuchly, S.S. Electrical Eng. Ottawa	To spend leave at: Monash University, Victoria, Australia (July 1983 to June 1984)	3,487	11
Swaminathan, S. Math,Stat&Comp Sc Dalhousie	To spend leave at: University of Newcastle, New South Wales and Australian National University, Australia (July 1983 to June 1984)	1,900	16
Tabisz, G.C. Physics Manitoba	To spend leave at: National Research Council of Canada, Ottawa, Canada (July 1983 to June 1984)	425	15
Taylor, D.R. Physics Queen's	To spend leave at: Clarendon Laboratory, University of Oxford, England (August 1983 to August 1984)	1,020	15

5.3 Travel Grants (continued)/Subventions de voyage (suite)

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Teghtsoonian, E. Metallurgical Eng. British Columbia	To spend leave at: Cambridge University, Cambridge, England (January 1984 to June 1984)	1,300	04
Teller, J.T. Earth Sciences Manitoba	To spend leave at: 1) Easter Island 2) England (July 1983 to December 1983)	4,000	10
Thompson, A.C. Math,Stat&Comp Sc Dalhousie	To spend leave at: University of Toronto, Canada (July 1983 to December 1983)	432	16
Thompson, M. Chemistry Toronto	To spend leave at: University of Utah, Utah, USA (July 1983 to June 1984)	830	05
Thomson, B.S. Mathematics Simon Fraser	To spend leave at: University of California, Santa Barbara, CA USA (September 1983 to August 1984)	450	16
Tremblay, J.P. Comp. Sci. & Eng. Saskatchewan	To spend leave at: University of Arizona, Tucson, USA (August 1983 to July 1984)	797	07
Unruh, W.G. Physics British Columbia	To spend leave at: 1) University of Chicago, Chicago, IL, USA 2) Institut Henri Poincare, France 3) University of Newcastle, England (July 1983 to July 1984)	2,000	15
Varadarajan, K. Math/Statistics Calgary	To spend leave at: University of Sydney, Australia (January 1984 to June 1984)	3,500	16
Verma, D.P.S. Biology McGill	To spend leave at: Plant Breeding Institute, Cambridge, England (July 1983 to July 1984)	1,600	02
Watanabe, T. Geophys./Astron. British Columbia	To spend leave at: University of Tokyo, Japan (January 1984 to May 1984)	1,723	17
Watkinson, D.H. Geology Carleton	To spend leave at: Centre National de Recherches Scientifique, Orleans, France (July 1983 to June 1984)	1,799	10
Whitehead, M.A. Chemistry McGill	To spend leave at: Université de Genève, Genève, Switzerland (September 1983 to August 1984)	2,234	05
Whittington, S.G. Chemistry Toronto	To spend leave at: University of Oxford, England (July 1983 to June 1984)	1,676	05
Wiens, T.J. Zoology Manitoba	To spend leave at: University of Konstanz, Germany (July 1983 to June 1984)	2,600	01
Williams, D.D. Life Sciences Toronto	To spend leave at: University College of North Wales, Bangor, Wales (July 1983 to June 1984)	1,770	18
Wilson, D.J. Mechanical Eng. Alberta	To spend leave at: Cambridge University and Central Electricity Generating Board Research Laboratory, Southampton, UK (January 1984 to June 1984)	1,961	13

Name/Nom Department/Département University/Université	Purpose/But	$	Committee Comité
Winsberg, S. Science Education Montréal	To spend leave at: Université Paul Sabatier, Laboratoire de Statistique et Probabilités, Toulouse, France (September 1983 to January 1984)	1,900	12
Wojciechowski, B.W. Chemical Eng. Queen's	To spend leave at: Lecture Tour of Spain (July 1983 to June 1984)	2,200	04
Woo, G.C. Optometry Waterloo	To spend leave at: University of Cambridge, U.K. (September 1983 to December 1983)	1,688	21
Wood, D. Computer Science Waterloo	To spend leave at: University of Helsinki, Helsinki, Finland (January 1984 to August 1984)	2,660	07
Wood, J.M. Chemistry & Biochem Guelph	To spend leave at: University of California, Los Angeles, CA USA (July 1983 to December 1983)	800	02
Youson, J.H. Zoology Toronto	To spend leave at: University College of North Wales, Bangor, U.K. (June 1983 to June 1984)	974	01
Zouros, E. Biology Dalhousie	To spend leave at: Demokritos Nuclear Research Centre, Greece (July 1983 to December 1983)	1,442	18

5.4 General Research Grants/Subventions générales de recherche

University/Université	$
Acadia	42,500
Alberta	490,500
Bishop's	25,000
Brandon	25,000
British Columbia	666,000
Brock	60,000
Calgary	285,000
Carleton	192,000
College of Cape Breton	15,000
Concordia	138,000
Dalhousie	205,000
Ecole Polytechnique	141,500
Guelph	362,500
Lakehead	55,000
Laurentian	43,500
Laval	223,000
Lethbridge	44,000
Manitoba	269,000
McGill	439,000
McMaster	362,000
Memorial	178,500
Moncton	39,500
Montréal	236,000
Mount Allison	42,000
Mount St. Vincent	25,000
New Brunswick	150,500
Nova Scotia Agricultural College	15,000
Ottawa	198,500
Prince Edward Island	25,000

5.4 General Research Grants (continued)/Subventions générales de recherche (suite)

University/Université	$
Québec	
Québec à Montréal	46,500
Québec à Chicoutimi	46,000
Québec à Trois-Rivières	66,500
Québec à Rimouski	15,000
INRS	91,500
Institut Armand-Frappier	15,000
Queen's	268,500
Regina	50,000
St. Francis Xavier	47,500
St. Mary's	39,000
St. Thomas	25,000
Saskatchewan	239,000
Sherbrooke	125,500
Simon Fraser	175,500
Technical University of Nova Scotia	68,000
Toronto	839,500
Trent	40,500
Victoria	141,000
Waterloo	438,500
Western Ontario	282,500
Wilfrid Laurier	38,000
Windsor	123,500
Winnipeg	38,500
York	166,500

5.5 General Promotion Grants/Subventions à des activités spéciales

Name of organization/Nom de l'organisation	$
Conseil de développement du loisir scientifique	1,000
Dotto/Schiff News Services	55,968
Hebdo-Science	1,750
Youth Science Foundation	4,200

5.6 Miscellaneous Grants/Subventions diverses

	$
Association canadienne-française pour l'avancement des sciences (ACFAS)	57,350
Canadian Association of Graduate Schools	2,500
Canadian Centre for Creative Technology	14,650
Canadian Council on Animal Care	235,120
Contribution towards the organization of "Expo 86 - World Exposition Symposium Series"	12,500
Grant in support of a one-day workshop on "Research Directions in 5th Generation Computing"	18,000
International Institute for Applied Systems Analysis (Special grant to support air and ground travel to and in Vienna for A.Kahane)	3,000
1982 Steacie Prize	2,000
19th Annual Canadian Undergraduate Physics Conference, October 1983 - Toronto	3,000
Royal Society of Canada	56,900
Special Grant - Dr. R.W. Kennedy, University of British Columbia; Contribution towards the cost of sample preparation and shipment of a wood collection donated by the Ontario Research Foundation	3,000
Special Travel Grant to a Senior Industrial Fellow, S. Sankar	3,000
Special Travel Grants - Astronomy (1)/Subventions spéciales de voyage - astronomie (1) (Travel to the Canada-France-Hawaii Telescope/Voyages au télescope Canada-France-Hawaii)	75,000
Youth Science Foundation (Special travel grant to support travel of two students to the Nobel Award Ceremonies)	2,847

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(1) This award was administered by NRC on behalf of NSERC./
Cette subvention est administrée par le CNRC pour le compte du CRSNG.

5.7 International Programs/Programmes internationaux

5.7.1 Scientific Exchange Programs/Programmes d'échanges de scientifiques

5.7.1.1 Visits to Canada/Visites au Canada

from Brazil/du Brésil

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/Domaine
de Almeida, L.H. COPPE Federal do Rio de Janeiro	Department of Mechanical Engineering, University of Saskatchewan (August 1983-March 1984)	Mechanical Engineering
de Souza, J.P. Chemistry Brasilia	Department of Chemistry, University of British Columbia (July 1983-June 1984)	Biotechnology
Gupta, B.C. Institute of Mathematics Federal do Rio de Janeiro	Department of Mathematics, McGill University (January 1983-April 1984)	Mathematics
Jayaram, K. Instituto de Estudos Avancados, CTA Sao José dos Campos	Division of Physics, National Research Council (September 1983-August 1984)	Laser Technology
Netto Ferreira, J.C. Quimica Federal do Rio de Janeiro	Division of Chemistry, National Research Council (March-May 1984)	Chemistry
Trsic, M. Physics and Chemistry Institute Sao Paulo	Department of Chemistry, University of Calgary (July 1983)	Chemistry

N.B. The total amount awarded under this exchange agreement was $48,183./
Le montant total accordé dans le cadre de ce programme d'échanges est de $48 183.

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from Bulgaria/de Bulgarie

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field Domaine
Burcova, R. Ion Implantation Laboratory Institute of Semiconductor Technics Sofia	Faculty of Engineering, McMaster University (October 1982-April 1983)	Engineering
Kolchacova, A. Higher Institute for Electrical & Mechanical Engineering Sofia	School of Computer Science, McGill University (January-April 1984)	Computer Science
Lenchev, A.S. Chemistry Sofia	Canada Centre for Mineral and Energy Technology (March-May 1983)	Chemistry
Yakimova, R.T. Physics Sofia	Chemistry Division, National Research Council (June-December 1983)	Chemical Physics

N.B. The total amount awarded under this exchange agreement was $14,478./
Le montant total accordé dans le cadre de ce programme d'échanges est de $14 478.

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from Czechoslovakia/de Tchécoslovaquie

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/Domaine
Antal, M. Institute of Chemistry of SAS Bratislava	Faculty of Agriculture and Forestry, University of Alberta (September-November 1983)	Biochemistry
Buchar, J. Institute of Metallurgy CSAV, Brno	Mechanical Engineering Department, University of New Brunswick (August-October 1983)	Metallurgy
Dolezal, J. Division of Chemistry CSAV, Prague	Chemistry Division, National Research Council (May-June 1983)	Chemistry
Musilek, V. Institute of Microbiology CSAV, Prague	1) Department of Genetics, University of Alberta 2) Chemistry & Biology Research Institute, Agriculture Canada 3) Biosystematics Research Institute, Agriculture Canada 4) Pulp and Paper Research Institute of Canada 5) Centre de recherches forestières des Laurentides 6) Microbiology Section, Atlantic Research Laboratory, National Research Council (November-December 1983)	Microbiology
Pavlasek, I. Institute of Parasitology CSAV, Prague	Department of Veterinary Microbiology, University of Saskatchewan (September-November 1983)	Parasitology
Simek, M. Astonomical Institute CSAV, Ondrejov	Herzberg Institute of Astrophysics, National Researcn Council (August 1983)	Astrophysics
Spurny, Z. Institute of Radiological Dosimetry CSAV, Prague	To attend 7th International Congress on Solid State Dosimetry (September-October 1983)	Radiological Dosimetry
Tekel, P. Institute of Measurement & Measuring Techniques SAS, Bratislava	Department of Applied Sciences in Medicine, University of Alberta (August-September 1984)	Solid State Physics
Tremko, J. Astronomical Institute of Slovak Academy of Sciences Tatranska, Lomnica	1) Department of Physics, University of Waterloo 2) Herzberg Institute of Astrophysics, National Research Council 3) Department of Physics, University of Calgary (April-May 1983)	Astrophysics

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from Czechoslovakia (continued)/de Tchécoslovaquie (suite)

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine
Vanacek, M. Institute of Physics CSAV, Prague	1) Département de génie physique, Ecole Polytechnique 2) Laboratoire de physique nucléaire, Université de Montréal 3) Solar Energy Program, National Research Council 4) Département de génie chimique, Université de Sherbrooke (September-October 1983)	Physics
Vigas, M. Institute of Experimental Endocrinology SAS, Bratislava	1) Department of Physiology, University of Toronto 2)Centre de recherches en endocrinologie moléculaire, Université Laval (May-July 1984)	Endocrinology
Zeleny, J. Institute of Philosophy and Sociology CSAV, Prague	To attend 17th World Congress of Philosophy, Montréal 2) Department of Philosophy, University of Toronto (August-September 1983)	Philosophy

N.B. The total amount awarded under this exchange agreement was $22,342./
Le montant total accordé dans le cadre de ce programme d'échanges est de $22 342.

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from Japan/du Japon

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/Domaine
Aoki, T. Agriculture Miyazaki	1) Department of Biochemistry and Microbiology, University of Victoria 2) Pacific Biological Station, Nanaimo 3) Connaught Laboratories Ltd., Willowdale 4) Department of Fisheries and Oceans Laboratory, Halifax (May 1983)	Microbiology
Ichimiya, R. Mechanical Engineering Niigata	1) Faculty of Engineering, McGill University 2) Faculty of Engineering, McMaster University (July 1983)	Engineering
Ikeshoji, T. Agrobiology Tokyo	1) Department of Biological Sciences, Simon Fraser University 2) Agriculture Canada, Lethbridge 3) Department of Microbiology and Parasitology, University of Toronto (September 1982-August 1983)	Agrobiology
Iwanaga, Y. Education Shinshu	1) Carleton University 2) University of Toronto 3) McMaster University (September 1983-August 1984)	Mathematics
Oka, F. Engineering Gifu	1) Laval University 2) University of Western Ontario 3) McGill University 4) University of Alberta 5) University of British Columbia (September 1983-August 1984)	Civil Engineering
Sone, N. Biochemistry Jichi Medical School Tochigi-ken	1) Department of Biological Sciences, Brock University 2) Department of Biochemistry, University of British Columbia (April 1983-January 1984)	Biochemistry

N.B. The total amount awarded under this exchange agreement was $40,218./
Le montant total accordé dans le cadre de ce programme d'échange est de $40 218.

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from Switzerland/de Suisse

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine
Dozzi, M. Institute of Mathematical Statistics Bern	Department of Mathematics, University of British Columbia (October 1983-March 1984)	Mathematics

N.B. The total amount awarded under this exchange agreement was $7,200./
Le montant total accordé dans le cadre de ce programme d'échanges est de $7 200.

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from the United Kingdom/du Royaume-Uni

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine
Alexander, J.M. Mechanical Engineering University College of Swansea	Department of Mechanical & Aeronautical Engineering, Carleton University (March 1984)	Mechanical Engineering
Caten, C.E. Genetics Birmingham	1) Department of Plant Sciences, University of Western Ontario 2) Department of Biology, McMaster University 3) Department of Botany, University of Toronto 4) Department of Botany and Genetics, University of Guelph 5) Agriculture Canada, Winnipeg 6) Department of Botany, University of British Columbia (April-July 1983)	Genetics
Hudson, R.F. University Chemical Laboratory Kent	Department of Chemistry, Queen's University (September-October 1983)	Chemistry
Kettle, R.J. Civil Engineering & Construction Aston	Department of Geography, Carleton University (February-August 1984)	Civil Engineering
Lee, D.L. Pure & Applied Zoology Leeds	Department of Zoology, University of Toronto (August-December 1983)	Zoology
Maitlis, P. Chemistry Sheffield	Department of Chemistry, University of Ottawa (April 1984)	Organometallic Chemistry & Catalysis
Moore, M.J. Anatomy Marischal College	Department of Neurosciences, McMaster University (July 1983-June 1984)	Anatomy
Swindale, N.V. Physiological Laboratory Cambridge	Department of Psychology, Dalhousie University (April-October 1983)	Psychology
Young, J.A.T. Geography Edinburgh	Ontario Centre for Remote Sensing, Ministry of Natural Resources (December 1983-January 1984)	Geography

N.B. The total amount awarded under this exchange agreement was $38,180./
Le montant total accordé dans le cadre de ce programme d'échanges est de $38 180.

5.7.1.1 Visits to Canada (continued)/Visites au Canada (suite)

from West Germany/d'Allemagne de l'Ouest

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine
Ebenhoh, W. Mathematics Oldenburg	Bedford Institute of Oceanography (September 1983)	Mathematics
Geissel, H. GSI Institute Darmstadt	Atomic Energy of Canada Limited, Chalk River (October 1983-April 1984)	Physics

N.B. The total amount awarded under this exchange agreement was $12,605./
Le montant total accordé dans le cadre de ce programme d'échanges est de $12 605.

5.7.1.2 Visits Abroad/Visites à l'étranger

to Brazil/au Brésil

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine	$
Desai, I.D. Human Nutrition British Columbia	University of Sao Paulo Medical School, Ribeirao Preto	Human Nutrition	2,200
Dunford, H.B. Chemistry Alberta	Instituto de Quimica, Universidade de Sao Paulo	Chemistry	2,653
James, B.R. Chemistry British Columbia	Instituto de Ciencias Exatas, Belo Horizonte	Chemistry	1,843
Jumarie, G.R.M. Mathématiques et Informatique Québec à Montréal	Universidade Federale do Rio de Janeiro	Mathématiques	1,978
Ribenboim, P. Mathematics & Statistics Queen's	1) Instituto de Matematica Pura e Applicada 2) Universidade Estadual de Campinas 3) Universidade de Recife 4) Universidade de Brasilia	Mathematics	2,363
Vanicek, P. Surveying Engineering New Brunswick	1) Federal University of Parana 2) University of Sao Paulo 3) IBGE, Rio de Janiero	Surveying Engineering	2,380

5.7.1.2 Visits Abroad (continued)/Visites à l'étranger (suite)

to Bulgaria/en Bulgarie

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine	$
Moisan, M. Physique Montréal	Département de radiophysique et d'électronique, Université de Sofia	Physique	1,933
Chavarie, C. Génie chimique Ecole Polytechnique Montréal	Académie bulgare des Sciences, Sofia	Génie chimique	2,000

5.7.1.2 Visits Abroad (continued)/Visites à l'étranger (suite)

to Czechoslovakia/en Tchécoslovaquie

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine	$
Kosaric, N. Chemical & Biochemical Engineering Western Ontario	Institute of Microbiology, CAS, Prague	Chemical & Biochemical Engineering	1,621
Nelson, E. Computer Science McMaster	1) Czechoslovak Academy of Sciences 2) Technical University of Prague 3) Charles University	Mathematics	1,483
Talbot, G. Biochimie Laval	Institut de Microbiologie, Académie des sciences de la Tchécoslovaquie, Prague	Biochimie	2,302
Volesky, B. Chemical Engineering McGill	Institute of Microbiology, CAS, Prague	Chemical Engineering	1,908
Smith, W.R. Mathematics & Statistics Guelph	Institute of Chemical Process Fundamentals, Prague	Applied Mathematics	1,792

5.7.1.2 Visits Abroad (continued)/Visites à l'étranger (suite)

to Japan/au Japon

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine	$
Alper, H. Chemistry Ottawa	Supplement to previous travel grant to visit university and government research laboratories in Japan	Chemistry	182
Belloncik, S. Virologie Institut Armand-Frappier	1) Aichi-Ken Agricultural Research Centre, Nagakuti 2) Nagoya University 3) Tokyo University of Agriculture and Technology 4) Noko University	Virologie	2,383
Bottomley, F. Chemistry New Brunswick	1) Sofia University 2) Tokyo Institute of Technology 3) Rikkyo University	Chemistry	2,504
Csizmadia, I.G. Chemistry Toronto	Institute for Molecular Science, Okazaki	Chemistry	2,600
Ganczarczyk, J. Civil Engineering Toronto	1) Kurita Water Industries, Yokohamo 2) Ebara Infilco, Fujisawa 3) Tsukuba (Public Works Research Inst. and National Inst. for Environmental Studies)	Civil Engineering	2,728
Kaiser, P.K. Civil Engineering Alberta	1, Nagoya University 2) Kobe University, etc. and tunnel construction sites	Civil Engineering	2,744
Lind, N.C. Civil Engineering Waterloo	1) Kyoto University 2) Tokyo University	Civil Engineering	1,461
Manocha, M.S. Biological Sciences Brock	1) Kyoto University 2) Tottori Mycological Institute 3) Chiba University	Biological Sciences	1,722
Schlesinger, M.K. Physics Windsor	Department of Physics, Tohoku University	Physics	1,842
Theophanides, T. Chimie Montréal	Université de Tokyo et autres laboratoires à Tokyo, Kyoto et Osaka	Chimie	2,528

5.7.1.2 Visits Abroad (continued)/Visites à l'étranger (suite)

to the United Kingdom/au Royaume-Uni

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine	$
Boyd, R.K. Chemistry Guelph	Royal Society Research Unit, University College of Swansea	Chemistry	702
Demers, S. Physique Montréal	Institute of Astronomy, University of Cambridge	Physique	1,479
Mavinic, D.S. Civil Engineering British Columbia	1) Water Research Centre, Stevenage Laboratory, U.K. 2) Aspinwall and Co., Shrewsbury, U.K.	Civil Engineering	1,040
Siddall, J.N. Mechanical Engineering McMaster	Department of Mechanical Engineering, University of Surrey and other scientific institutions in the U.K.	Mechanical Engineering	651

5.7.1.2 Visits Abroad (continued)/Visites à l'étranger (suite)

to West Germany/en Allemagne de l'Ouest

Name/Nom Department/Département University/Université	Host Institution/Institution d'accueil	Field/ Domaine	$
Diab, V. Mathematics & Statistics Carleton	Fakult,t der Mathematik, Universit,t Bielefield	Mathematics	1,368
King, J. Biology Saskatchewan	Max-Planck Institut für Züchtungsforschung, Köln	Biology	986
Rimrott, F.P.J. Mechanical Engineering Toronto	1) Lehrstuhl für Mechanik I, Ruhr-Universit,t Bochum 2) Universit,t Wuppertal 3) Lehrstuhl für Mechanik, Universit,t Dortmund and other scientific institutions in Germany	Mechanical Engineering	961

5.7.2 International Collaborative Research Grants/ Subventions de recherche coopérative internationale

Name/Nom Department/Département University/Université	Title/Titre	Host Country/ Pays-hote	$
Alper, H. Chemistry Ottawa	Metal complex catalyzed reactions	U.S.A.	3,300
Barrett, S.C. Botany Toronto	Ecological genetics of weeds	Australia	3,000
Birchall, T. Chemistry McMaster	The Goldanskii-Karyagin effect in Alpha-SnF2, A 119-Sn Mössbauer spectroscopic and neutron diffraction study	Poland	2,500
Bishop, D.M. Chemistry Ottawa	Calculation of polarizabilities of small alkali metal clusters	France	2,100
Burns, G. Chemistry Toronto	Physico-chemical study of deterioration processes occurring in monuments in Egypt	Egypt	2,000
Bushuk, W. Plant Science Manitoba	Structure, genetics and functionality of wheat proteins	Australia	3,000
Cameron, R.G. Pathology Toronto	Critical quantitative bioassays for the carcinogenic effects of environmental toxicants	Sweden	6,080
Cameron, R.G. Pathology Toronto	Critical quantitative bioassays for the carcinogenic effects of environmental toxicants	Sweden	3,200
Carty, A.J. Chemistry Waterloo	Mixed metal binuclear and cluster chemistry: New synthetic routes using phosphino acetylenes and heterocumulenes	France	1,018
Chen, T.T. Biology McMaster	Molecular cloning and characterization of onco-genes in fish	U.S.A.	3,000
Chrzanowski, A. Surveying Eng New Brunswick	Deformation analysis of slope stability	Switzerland	2,300
De Lasa, H.I. Chemical Eng. Western Ontario	Development of a catalytic pseudoadiabatic reactor for methanol conversion	Argentina	1,500
Dick, T.A. Zoology Manitoba	Host-parasite genetic interactions	U.S.A.	3,000
Dusseault, M.B. Sciences de la terre Waterloo	Swell/Slake behavior of smectitic clay shales	Australia	4,000
Ellis, R.M. Geophys./Astron. British Columbia	Australian crustal structure and the characteristics of faulting in southeast Australia	Australia	1,434

5.7.2 International Collaborative Research Grants (continued)/ Subventions de recherche coopérative internationale (suite)

Name/Nom Department/Département University/Université	Title/Titre	Host Country/ Pays-hote	$
Eu, B.C. Chemistry McGill	Irreversible thermodynamics and kinetic theory of nonlinear transport processes in polarizable systems	U.S.A.	4,500
Feuerstein, I.A. Engineering McMaster	Blood surface interactions	U.S.A.	3,000
Granot, F. Management Sciences British Columbia	On substitutes and complements in network flows	U.S.A.	3,400
Gravenor, C.P. Geology Windsor	Pleistocene and pre-Pleistocene glaciomarine sedimentation	South Africa	1,560
Hauer, E. Civil Engineering Toronto	Safety aspects of pedestrian crossings; estimation of origin-destination tables from traffic flow data; effectiveness of safety countermeasures	Israel	3,450
Higgins, V.J. Botany Toronto	Basis of race-cultivar specificity in leaf mold of tomato	The Netherlands	2,627
Hiruki, C. Plant Science Alberta	High voltage electron microscope studies on plant mycoplasmas and viruses	Japan	5,000
Kelln, R.A. Chemistry Regina	Regulation of expression of the pyrC and pyrD genes of Salmonella typhimurium	Denmark	4,500
Knop, O. Chemistry Dalhousie	Synthesis and transformations of compounds of interest at very high pressures (up to 100 kbar) and temperatures (up to 1000 degrees C)	France	1,390
Knott, D.R. Crop Science Saskatchewan	An examination of wheat production and wheat disease research in Shenyang Province, China	China	2,300
Kresge, A.J. Chemistry Toronto	Laser flash photolytic generation of simple enols	Switzerland	3,000
Lambert, J.D.H. Biology Carleton	Documentation of Phytolacca dodecandra and Balanites aegyptiaea, two species with known molluscicidal and medicinal properties that occur in Swaziland	Swaziland	4,500
Lassonde, M. Psychologie Qué.-Trois-Riv.	Vision résiduelle dans les cas d'hémisphérectomie	Italy	3,000
Lott, J.N.A. Biology McMaster	Studies of protein bodies in seeds	Australia	3,000

5.7.2 International Collaborative Research Grants (continued)/
Subventions de recherche coopérative internationale (suite)

Name/Nom Department/Département University/Université	Title/Titre	Host Country/ Pays-hote	$
MacCrimmon, H.R. Zoology Guelph	Examination of biological diversity in the Atlantic Salmon relative to stock differentiation and environmental influences	Sweden	1,950
Mailer, C. Physics New Brunswick	Pulsed electron paramagnetic resonance studies of anisotropic motion	U.S.A.	2,233
Makkai, M. Mathematics McGill	Model theory and categorical logic	U.S.A.	3,000
Martini, I.P. Land Resource Sc Guelph	Comparative sedimentology of recent and ancient, cold fluvial and coastal deposits	Australia, India and Finland	3,000
McGowan, J.W. Physics Western Ontario	1) Electron-Ion collisions 2) Soft X-Ray replication relevant to study of cells and microelectronics 3) Interface between industry and the University - Microelectronics	Belgium	3,000
McMillan, I. Animal/Poultry Sc. Guelph	Studies on mathematical models for laying and lactation curves for improvement of selection efficiency	Sweden	5,180
Miceli, D. Psychologie Qué.-Troic-Riv.	Etude neuroanatomique comparée de l'organisation des systémes visuels télencéphaliques et centrifuges	France	4,500
Migneron, R. Applied Math. Western Ontario	Study of colourless clusters in quark and gluon jets	U.S.A.	3,000
Migneron, R. Applied Math. British Columbia	Colour compensation in jets of partons	U.S.A.	4,100
Moore, R.M. Oceanography Dalhousie	Marine trace element scavenging mechanisms	New Zealand	3,100
Occhietti, S. Géographie Québec-Montréal	Climatostratigraphie du Quaternaire, Sierra Tres Cruces et comparaison entre hémisphères nord et sud	Bolivia	2,928
Oldenburg, D.W. Geophys./Astron. British Columbia	Geophysical inverse theory	China	2,500
Pearson, W.B. Physics/Chemistry Waterloo	Quantitative studies of physical properties of metals and alloys	Switzerland	2,025

5.7.2 International Collaborative Research Grants (continued)/ Subventions de recherche coopérative internationale (suite)

Name/Nom Department/Département University/Université	Title/Titre	Host Country/ Pays-hote	$
Pharis, R.P. Biology Calgary	1) Preparation of review chapter on gibberellins and reproductive development in higher plants for Ann. Rev. plant physiol. 2) Research on hormone metabolism in relation to flowering and inherently rapid vegetative growth	Australia	3,800
Prince, R.H. Physics York	Surface adsorption of strongly electronegative atoms	England	3,000
Ptito, M. Psychologie Qué.-Trois-Riv.	Analyse des propriétés cellulaires des régions corticales "calleuses" chez le châton, "split-brain"	Italy	3,000
Purdy, G.R. Metal/Mat. Science McMaster	Research in phase transformations in engineering materials	France	3,000
Ross, J.V. Geology British Columbia	Stress in crystal rocks: Mantle flow	France	4,000
Rowe, D.J. Physics Toronto	Microscopic study of vorticity in nuclear collective motion	New Zealand	3,000
Sadana, Y.N. Chemistry Laurentian	Role of addition agents in electrodeposition of metals & alloys	India	3,700
Shrive, N.G. Civil Engineering Calgary	Static and dynamic testing of a pipe-whip restraint	England	654
Smith, H.W. Electrical Eng. Toronto	Design and analysis of mineral plant sampling experiments	Australia	3,300
Stockdale, P.H.G. Veter. Microbiol Saskatchewan	Effector mechanisms of immunity against murine coccidia	Australia	3,000
Thomas, M.L.H. Biology New Brunswick	Ecology of Bermudian salt water ponds	Bermuda	2,800
Unruh, W.G. Physics British Columbia	Quantum mechanics and gravity	U.S.A.	3,000
Venkatesan, D. Physics Calgary	Cosmic ray time variation study	India	2,932
Wang, C.L. Math/Statistics Regina	Optimization, mathematical programming and inequalities	Japan	4,300
Zouros, E. Biology Dalhousie	Genetic differences between wild and artifically reared olive fruit flies	Greece	1,500

5.7.3 International Scientific Exchange Awards/ Subventions d'échange scientifique international

Name/Nom Department/Département University/Université	Purpose/But	$
Allnatt, A.R. Chemistry Western Ontario	To support visit by: A.V. Chadwick, University of Kent, Kent, United Kingdom, for research on Statistical mechanical modelling of the diffuse phase transition in fluorites	1,200
Alspach, B.R. Mathematics Simon Fraser	To support visit by: L. Babai, Eötvös University, Budapest, Hungary, for research on Groups and regular combinatorial configurations	7,200
Bancroft, G.M. Chemistry Western Ontario	To support visit by: S. Larsson, Chemical Centre, Lund, Sweden, for research on Electronic structure of molecules with application to ESCA and electronic transport properties	4,800
Birchall, T. Chemistry McMaster	To support visit by: K. Ruebenbauer, Institute of Nuclear Physics, Poland, for research on The investigation of relaxation in liquid SnF2 and magnetic interactions the solid state by Mössbauer spectroscopy	4,800
Boulos, M.I. Génie chimique Sherbrooke	Pour appuyer la visite de: B. Waldie de l'Université Herriot Watt, Edimbourg, Ecosse pour la recherche en études fondamentales et applications des plasmas à inductions	2,400
Boulos, M.I. Génie chimique Sherbrooke	Pour appuyer la visite de: E. Pfender, University of Minnesota, Minneapolis, U.S.A., pour la recherche en transfert de chaleur sous les conditions de plasma	3,600
Bryan, R.B. Geography Toronto	To support visit by: A. Yair, Hebrew University of Jerusalem, Jerusalem, Israel, for research on The hydrologic influence of physical and chemical properties of badland rocks and regolith and their significance in piping and the potential dispersion of subsurface contaminants	4,800
Chornet, E. Génie chimique Sherbrooke	Pour appuyer la visite de: M. Rubio Torres, Universidad de Murcia, Murcia, Espagne, pour la recherche sur Valorisation des stocks lignocellulosiques par voies de solvolyse et d'hydrolyse: Etudes de mixage et de cizaillement dans la solubilization de la cellulose	2,400
Chow, Y.L. Chemistry Simon Fraser	To support visit by: S.W. Paszyc, Adama Mickiewicz University, Poznan, Poland, for research on Photochemical and photophysical studies of chromenes, insect anti-juvenile hormone agents	2,400
Collins, M.P. Civil Engineering Toronto	To support visit by: P. Lenkei, Hungarian Institute for Building Science/ETI, Hungary, for research on Investigation on reinforced/prestressed concrete	6,000
Copper, P. Geology Laurentian	To support visit by: W. Qi, Beijing University, Beijing, China, for research on comparative analysis of the morphology, paleoecology and sedimentology of paleozoic and mesozoic reefs in Canada and China	3,600

5.7.3 International Scientific Exchange Awards (continued)/ Subventions d'échange scientifique international (suite)

Name/Nom Department/Département University/Université	Purpose/But	$
Cullen, W.R. Chemistry British Columbia	To support visit by: M.I. Bruce, University of Adelaide, Adelaide, South Australia, for research on Synthesis and catalytic activity of chiral cluster complexes	6,000
Davison, S.G. Applied Math. Waterloo	To support visit by: B. Gumhalter, Zagreb University, Zagreb, Yugoslavia, for research on Quantum theory of solid surfaces	4,800
Desrochers, M. Microbiology Montréal	To support visit by: M. Samejima, University of Tokyo, Tokyo, Japan, for research on Application of genetic engineering for the construction of a yeast with lignocellulose fermenting activity: A part of a international joint research project titled "Fundamental studies for a new biological approach to pulping" presented by the Japan Society for Promotion of Science	1,200
Eastham, A.R. Electrical Eng. Queen's	To support visit by: J. Gieras, Academy of Technology and Agriculture, Bydgoszcz, Poland, for research on the investigation and evaluation of novel linear electric machines and devices for propulsion and braking in transit systems	7,200
Forer, A. Biology York	To support visit by: Z.K. Lu, Academia Sinica, Beijing, China, for research on Ultraviolet microbeam experiments on the mechanisms of chromosome movement	6,000
Francoeur, A. Sci. fondamentales Québec-Chicoutimi	Pour appuyer la visite de: A. Buschinger, Technische Hochschule, Allemagne Fédérale, pour la recherche sur biosystématique mondiale de la tribu Leptothoracini (Formicidae, Hymenoptera)	1,500
George, J.C. Zoology Guelph	To support visit by: B. Pilo, University of Baroda, Faculty of Science, Gujarat, India, for research on Studies on the avian liver - ultrastructural and metabolic aspects with reference to neurohumoral and endocrine regulation	7,200
Geramita, A.V. Math/Statistics Queen's	To support visit by: S. Greco, Istituto de Matematico, Torino, Italy, for research on Structure and classifiction of singularities of curves and surfaces	7,200
Ghista, D.N. Eng. Physics McMaster	To support visit by: T.M. Srinivasan, Indian Institute of Technology, Madras, India, for research on Engineering design development of Ultrasonic Tomocardiogram - A novel procedure for estimation of myocardial infarction	3,600
Gupta, M.M. Cybernetic Studies Saskatchewan	To support visit by: J.B. Kiszka, Technical University Kielce, Lecia, Poland, for research on Analysis and synthesis of fuzzy logic controllers for feedback control systems with applications to industrial processes and robotics	7,200

5.7.3 International Scientific Exchange Awards (continued)/ Subventions d'échange scientifique international (suite)

Name/Nom Department/Département University/Université	Purpose/But	$
Hammer, P.L. Combin./Optimiz. Waterloo	To support visit by: D. De Werra, Ecole Polytechnique Fédérale de Lausanne, Lausanne-Ecublens, Switzerland, for research on Pseudo boolean functions and stability in graphs	3,600
Holmes, J.L. Chemistry Ottawa	To support visit by: J.K. Terlouw, Utrecht University, Utrecht, The Netherlands, for research on Structures of positive ions in the gas phase	3,600
Hsu, C.C. Chemical Eng. Queen's	To support visit by: W. Rudzinski, Marie Curie-Sklodowska University, Lubin, Poland, Final preparation for a manuscript of a monograph on adsorption	3,000
Hudgins, R.R. Chemical Eng. Waterloo	To support visit by: S.Wakao, Yokahama National University, Japan, for research on dispersion and diffusion in packed beds at low flow rates	400
Hunter, R.B. Crop Science Guelph	To support visit by: L. Pintér, Cereal Research Institute, Szeged, Hungary, for research on Examination of chemical and physical techniques as rapid and inexpensive means of determining quality of whole plant forage corn	7,200
Jacobs, P.W.M. Physical Chem. Western Ontario	To support visit by: J. Moscinski, Academy of Mining and Metallurgy, Krakow, Poland, for research on Molecular dynamics study of superionic conductors	3,600
James, B.R. Chemistry British Columbia	To support visit by: F.P. Pruchnik, University of Wroclaw, Wroclaw, Poland, for research on Asymmetric hydrogenation of olefins using rhodium(II) complexes containing chiral carboxylate ligands	4,000
Jonas, J.J. Gén. métall./mine McGill	Pour appuyer la visite de: F.J.Y. Montheillet, Ecole des Mines de Paris, Valbonne, France, pour la recherche sur l'Etude de la déformation plastique des métaux. Application aux problèmes de mise en forme	7,200
Joshi, Y.N. Physics St. F. Xavier	To support visit by: T.A.M. VanKleef, Universteit van Amsterdam, Amsterdam, The Netherlands, for research on Configuration interaction between the 3d 7 4p and 3p 5 3d 9 configurations in the As VIII, Se IX and Br X spectra	2,400
Kates, M. Biochemistry Ottawa	To support visit by: L.R.G. Valadon, Royal Holloway College, Virginia Water, Surrey, United Kingdom, for research on The mode of action of trifluoromethane-sulfoanilide (perfluidone) herbicide	3,000
Kushner, D.J. Biology Ottawa	To support visit by: A.R. Hipkiss, University of London, Strand, London, England, for research on Synthesis of membrane proteins in halophilic bacteria in response to changes in media salinity	1,200

5.7.3 International Scientific Exchange Awards (continued)/ Subventions d'échange scientifique international (suite)

Name/Nom Department/Département University/Université	Purpose/But	$
Lafontaine, J.G. Biologie Laval	To support visit by: S. Matsumoto, National Institute of Radiological Sciences, Chiba, Japan, for research on Biochemical, ultrastructural and immunocytochemical studies of synchronously dividing nuclei in the myxomycete, Physarum polycephalum	10,800
Langley, R.B. Surveying Eng New Brunswick	To support visit by: G. Beutler, Universitat Bern, Bern, Switzerland, for research on Application of GPS to studies in geodesy, geodynamics and astronomy	7,200
Leblanc, R.M. Biophysiques Qué.-Trois-Riv.	To support visit by: D. Frackowiak, Poznan Technical University, Poznan, Poland, for research on Photoacoustic spectra of photosynthetic pigments and pigment-protein complexes in anisotropic media	7,200
Lenz, A.C. Geology Western Ontario	To support visit by: X. Chen, Academia Sinica, Nanjing, China, for research on Lower and middle ordovician graptolite biostratigraphy and taxonomy northern Canadian Cordillera, Quebec, and western Newfoundland, and comparison with similar age graptolites of China	2,400
Lind, N.C. Civil Engineering Waterloo	To support visit by: M.E. Paté-Cornell, Stanford University, Stanford, CA, USA, for research on Structural technology and risk	1,000
Lind, N.C. Civil Engineering Waterloo	To support visit by: C.A. Cornell, Stanford University, Stanford, CA, USA, for research on Structural technology and risk	1,000
Lind, N.C. Civil Engineering Waterloo	To support visit by: O.D. Ditlevsen, Engineering Academy of Denmark, Lyngby, Denmark, for research on Structural technology and risk	1,000
McConkey, J.W. Physics Windsor	To support visit by: G.C. King, University of Manchester, Manchester, U.K., for research on Identification and classification of resonances in the rare gases excited by electron impact	1,200
McCully, M.E. Biology Carleton	To support visit by: M.J. Canny, Monash University, Clayton, Australia, for research on Microautoradiographic localization of 14C-labelled assimilate in plant tissues	3,000
Meinertzhagen, I.A. Psychology Dalhousie	To support visit by: M. Jarvilehto, University of Oulu, Oulu, Finland, for research on The electrophysiology and development of peripheral visual neurones	7,200
Migneron, R. Applied Math. Western Ontario	To support visit by: L.M. Jones, University of Illinois at Urbana-Champaign, U.S.A., for research on Study of colourless clusters in Quark and Gluon Jets	1,200
Morrison, J.A. Inst. for Mat. Res McMaster	To support visit by: A. Inaba, Osaka University, Osaka, Japan, for research on Calorimetric and related studies on molecular solids and on films of simple molecules adsorbed on graphite	8,100

5.7.3 International Scientific Exchange Awards (continued)/ Subventions d'échange scientifique international (suite)

Name/Nom Department/Département University/Université	Purpose/But	$
Nogami, Y. Physics McMaster	To support visit by: M.K. Srivastava, University of Roorkee, Roorkee, India, for research on Theoretical studies of ion-atom collision	2,400
Ono, H. Psychology York	To support visit by: N.J. Wade, University of Dundee, Dundee, Scotland, for research on Stereoscopic perception of the earliest stereograms	4,800
Pharis, R.P. Biology Calgary	To support visit by: G.I. de Bottini, Nacional de Rio Cuarto Universidad, Argentina, for research on An investigation of Gibberellin-like substances and Gibberellin metabolism in plant growth and development processes which are also mediated by cold and/or inhibitors	7,200
Pillay, D.T.N. Biology Windsor	To support visit by: J.-H. Weil, Institut de Biologie Moleculaire et Cellulaire, Strasbourg-Cedex, France, for research on 1) Mapping tRNA and rRNA genes on chloroplast DNA of higher plants 2) Sequence studies of tRNAs and restriction fragments of chloroplast DNA from higher plants	1,200
Poirier, G.G. Biologie Sherbrooke	Pour appuyer la visite de: G. De Murcia, Institut de biologie moléculaire et cellulaire, Strasbourg, France, pour la recherche sur Caractérisation morphologique et biochimique des phénomènes de poly (ADP-ribosylation) sur la structure nucléosomale	4,800
Proctor, J.T.A. Horticultural Sci. Guelph	To support visit by: J.C. Lee, Chungnam National University, Daejeon, Korea, for research on Effect of "Prolong" on the gaseous exchange and storage life and quality of apples and pears	4,800
Rempel, G.L. Chemical Eng. Waterloo	To support visit by: M. Chanda, Indian Institute of Science, Bangalore, India, for research on Novel catalyst systems for the air oxidation of thiosalt effluents	4,800
Rhodes, E. Chemical Eng. Waterloo	To support visit by: S. Sicardi, Politecnico di Torino, Torino, Italy, for research on Investigations of novel trickle bed reactors	1,600
Roy, K.L. Microbiology Alberta	To support visit by: X. Wei, Institute of Biophysics, Academia Sinica, Peking, China, for research on Human tRNA gene clusters: isolation and sequence	4,800
Saimoto, S. Metallurgical Eng. Queen's	To support visit by: W. Garlipp, Universidade de Sao Paulo, Sao Carlos, Brasil, for research on Precipitation kinetics in modified Al-Zn-Mg alloys	7,200
Schneider, B.A. Psychology Toronto	To support visit by: S.R. Parker, American University, Washington, USA for research on Loudness and Loudness discrimination: A reevaluation of Fechner's assumption	8,100

5.7.3 International Scientific Exchange Awards (continued)/
Subventions d'échange scientifique international (suite)

Name/Nom Department/Département University/Université	Purpose/But	$
Shettleworth, S.J. Psychology Toronto	To support visit by: J.R. Krebs, Edward Grey Institute of Field Ornithology, Zoology, Oxford, England, for research on Studies of song, spatial memory, and food storing in birds	7,200
Sivasubramanian, P. Biology New Brunswick	To support visit by: D.R. Nassel, University of Lund, Lund, Sweden for research on the importance of cellular interactions during the organization of nervous system	2,400
Smalley, I.J. Earth Sciences Waterloo	To support visit by: B. Grabowska-Olszewska, University of Warsaw, Warszawa, Poland, for research on The formation, distribution, nature, stratigraphy and engineering properties of loess material in Poland and Canada	2,000
Srivastava, K.D. Electrical Eng. Waterloo	To support visit by: H.Anis, Cairo University, Giza, Egypt, for research on performance of compressed gas power apparatus in the presence of metallic particles	6,000
St-Pierre, L.E. Chemistry McGill	To support visit by: K.-S. Maeng, Chungnam National University, Chungnam, Korea, for research on studies of water swellable ion exchange resins	6,000
Tidwell, T.T. Chemistry Toronto	To support visit by: M.G. Charpentier, Centre National de la Recherche Scientifique, Thiais, France, for research on Synthetic and mechanistic studies of destabilized carbocations	1,200
Trainor, L.E.H. Physics Toronto	To support visit by: B.C. Goodwin, The University of Sussex, Sussex, U.K., for research on A field approach to pattern formation and morphogenesis in living systems	4,800
Vanicek, P. Surveying Eng New Brunswick	To support visit by: E.W. Grafarend, Stuttgart University, W-Germany, for research on Geodetic refraction analysis	2,400
Venter, R.D. Mechanical Eng. Toronto	To support visit by: S.-M. Park, University of New Mexico, Albuquerque, USA, for research on Electrochemical and surface science research on fuel cells	7,200
Vera, J.H. Chemical Eng. McGill	To support visit by: R. Stryjek, Polish Academy of Sciences, Warszawa, Poland, for research on Thermodynamic studies of highly non-ideal solutions	8,100

6. RESEARCH MANPOWER AWARDS

6. BOURSES DE FORMATION DE CHERCHEURS

6.1 University Undergraduate Summer Research Awards/ Bourses de recherche d'été (1er cycle) en milieu universitaire

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Abbatt, Jonathan	University of Toronto	Chemistry
Abdeen, Nishard	Acadia University	Biochemistry
Abrahams, Ruth	McMaster University	Biology
Adam, Jeffrey	Carleton University	Mechanical Engineering
Adams, Frederick	University of Manitoba	Physics
Addona, Antonio	McGill University	Computer Engineering
Adkins, John	McMaster University	Physics
Alary, Antoine	Université de Montréal	Mathématiques
Albert, Michelle	Carleton University	Botany
Alexander, Gerianne	St. Francis Xavier University	Psychology
Alexander, Karen	Mount Saint Vincent University	Biology
Allan, Moira	University of Alberta	Geology
Allard, Carole	Université de Sherbrooke	Physiologie
Allegrucci, Jean-Didier	Ecole Polytechnique	Génie électrique
Allen, Claude	Centres INRS	Océanographie
Allen, Julie	University of Western Ontario	Chemistry
Allwright, William	Saint Mary's University	Astronomy
Amiel, Terry	University of British Columbia	Microbiology
Ammann, Hélène	Université de Sherbrooke	Chimie
Anderson, Kathleen	University of Saskatchewan	Veterinary Medicine
Anderson, Marcus	University of Alberta	Electrical Engineering
Anderson, Peter	University of Waterloo	Mathematics
Anderson, Sam	University of Alberta	Physics
Anderson, Theodore	University of Regina	Chemical Physics
Andrews, Keith	University of Calgary	Computer Science
Andru, James	University of Guelph	Chemistry
Andrukaitis, Eddie	University of Western Ontario	Organic Chemistry
Antoniadis, Greg	McMaster University	Chemistry
Antony, Michael	University of Toronto	Psychology
Apblett, Allen	University of New Brunswick	Chemistry
Araos, Guntis	University of Toronto	Mechanical Engineering
Arcadi, Frank	University of British Columbia	Chemistry
Archambault, Jacques	Université de Montréal	Biochimie
Aris, Shawn	Lakehead University	Geology
Armstrong, Doug	University of Guelph	Wildlife Ecology
Arnoldi, Charles	Queen's University	Mathematics
Arsenault, Bruce	Dalhousie University	Mathematics & Computer Centre
Arsenault, Clément	Université de Moncton	Physique
Arsenault, Jacqueline	Université de Moncton	Biochimie
Arsenault, Theresa	St. Francis Xavier University	Psychology
Arsenault, Todd	University of New Brunswick	Organic Chemistry
Arya, Akshaya	University of Toronto	Chemical Engineering
Ash, David	University of Waterloo	Mathematics
Atkins, Richard	University of Waterloo	Mathematics
Atkinson, John	University of Saskatchewan	Veterinary Medicine
Atkinson, Valerie	University of British Columbia	Genetics
Atwood, David	University of Toronto	Physics
Atwood, Goron	University of Lethbridge	Computer Science
Aubin, Jean	Université de Montréal	Statistiques
Audet, Doris	Université de Sherbrooke	Virologie
Audet, Marie-Claude	Université du Québec à Montréal	Mathématiques
Audy, Patrice	Université Laval	Virologie
Aziza, Michel	University of Toronto	Metallurgy & Materials Science

6.1 University Undergraduate Summer Research Awards (continued)/
Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Babul, Arif	University of Toronto	Physics
Backhouse, Chris	University of Alberta	Chemistry
Bailey, Katherine	University of Toronto	Geology
Bailly, Jan[illegible]	Queen's University	Organic Chemistry
Bakes, Philip	University of Calgary	Electrical Engineering
Balint, Peter	University of Toronto	Computer Science
Ball, James	Dalhousie University	Physics
Balston, Bruce	University of Calgary	Electrical Engineering
Bamber, James	University of Calgary	Physics
Bansal, Pratima	University of Calgary	Mathematics
Banta, Gregory	University of British Columbia	Chemistry
Baribeau, Line	Université Laval	Mathématiques
Barker, Carol	Simon Fraser University	Psychology
Barnes, Lloyd	University of Ottawa	Chemistry
Baron, Robert	Ecole Polytechnique	Génie électrique
Barron, Brenda	University of Alberta	Electrical Engineering
Barta, John	University of Toronto	Parasitology
Bartlett, Gary	Memorial University	Mechanical Engineering
Bates, Warren	University of Saskatchewan	Engineering
Bathe, Linda	University of Waterloo	Physiological Optometry
Bauman, Kent	University of Waterloo	Chemistry
Baxter, Beverly	University of Guelph	Parasitology
Bay, Elliott	University of Manitoba	Mathematics
Beacon, Christopher	University of Toronto	Chemistry
Bearne, Stephen	Acadia University	Biochemistry
Beaudet, Hector	University of Ottawa	Geography
Beaudoin, Yves	Carleton University	Physics
Beaulieu, Denis	Univ. du Québec à Trois-Rivières	Génie électrique
Beck, Matthew	University of British Columbia	Psychology
Beckwith, Paul	McMaster University	Engineering
Begin, François	University of British Columbia	Physics
Belanger, Jacques	Université Laval	Génie mécanique
Bell, Marjorie	Queen's University	Chemical Engineering
Bell, Rhonda	University of Waterloo	Biological Science
Bell, Tracy	University of New Brunswick	Biochemistry
Bellisario, Gino	University of Toronto	Structural Engineering
Benger, Judith	University of Western Ontario	Zoology
Benger, Susan	McMaster University	Biology
Bennett, Anne	Bishop's University	Organic Chemistry
Bennett, Mary-Ann	Simon Fraser University	Biology
Bennett, Robert	University of Toronto	Surveying Engineering
Benson, Neil	University of British Columbia	Plant Patnology
Berg, David	University of Victoria	Chemistry
Berger, Michael	University of Toronto	Mechanical Engineering
Bergeron, Pierre	Université de Montréal	Physique
Bergeron, Sylvain	Macdonald College	Plant Pathology
Bernard, Carrie-Jane	Tech. University of Nova Scotia	Agricultural Engineering
Bernier, Lucie	Université Laval	Psychologie
Berry, Raymond	University of Guelph	Biochemistry
Berryman, Roy	University of British Columbia	Metallurgical Engineering
Berthelot, Chantal	Université de Sherbrooke	Chimie
Bertrand, Karen	University of Regina	Genetics
Bessler, Patricia	University of Manitoba	Computer Science
Best, Thomas	University of Windsor	Physiology
Beutler, Rolf	University of Windsor	Mechanical Engineering

6.1 University Undergraduate Summer Research Awards (continued)/
Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Bilaniuk, Stefan	University of Toronto	Mathematics
Billings, Darse	University of Calgary	Biochemistry
Bird, Jeffrey	University of New Brunswick	Engineering
Bisgrove, Brent	University of Victoria	Oceanography
Blais, René	Université Laval	Géographie
Blanchard, Philippe	Ecole Polytechnique	Génie électrique
Bleau, André	Centres INRS	Génie physique
Block, Clayton	University of Manitoba	Statistics
Bloomer, Stephen	University of Waterloo	Geophysics
Blouin, François	Centres INRS	Energie
Blouin, René	Université Laval	Génie mécanique
Blumstock, Judith	University of Toronto	Zoology
Blundell, Matthew	University of British Columbia	Biochemistry
Bluteau, Carole	Ecole Polytechnique	Génie mécanique
Bobocel, Ramona	University of Alberta	Psychology
Boivin, Helene	Université du Québec à Chicoutimi	Not Indicated - Non Indiqué
Boivin, Lyne	Université de Montréal	Informatique et recherches opér.
Boivin, Michelle	University of Western Ontario	Microbiology
Bond, Lorysa	University of Toronto	Chemical Physics
Boodram, Mitra	McMaster University	Biochemistry
Boos, Carolin	University of Waterloo	Inorganic Chemistry
Booth, James	University of British Columbia	Physics
Borkent, Harry	University of Alberta	Mechanical Engineering
Borowska, Anna	University of British Columbia	Chemistry
Borys, Myron	University of Manitoba	Computer Engineering
Botros, Mona	Dalhousie University	Geology
Boulanger, Sylvie	University of Alberta	Civil Engineering
Boulet, Sylvie	Simon Fraser University	Biology
Bourassa, Jean-Francois	Université Laval	Génie biochimique
Bourassa, Michel	Université Laval	Génie minier
Bourbonnais, Roch	Ecole Polytechnique	Génie électrique
Bourgeois, Maureen	Memorial University	Biochemistry
Bourret, Jacques	Université du Québec à Montréal	Mathématiques
Bowman, John	University of Alberta	Physics
Boyce, Debra	University of Guelph	Biology
Boyd, Rodney	Memorial University	Mathematics
Boyle, Mark	Saint Thomas University	Psychology
Brander, Roy	University of Calgary	Civil Engineering
Brandly, Gregg	University of Alberta	Palaeontology
Brass, Neil	University of Toronto	Botany
Bree, Michael	University of Saskatchewan	Engineering
Brenek, Paul	University of Toronto	Chemical Engineering
Breton, Alain	Université de Sherbrooke	Génie mécanique
Brewer, John	University of Toronto	Chemistry
Bridgeman, Nancy	McMaster University	Computer Science
Brierley, William	University of Waterloo	Mathematics
Brochu, Lise	Université de Sherbrooke	Biologie
Bronsard, Lia	University of Toronto	Mathematics
Brossard, Alain	Ecole Polytechnique	Génie électrique
Brothers, Shelley	University of Toronto	Chemistry
Brouillette, Martin	McGill University	Mechanical Engineering
Brousseau, Denis	Université Laval	Physique
Brown, Allan	University of Calgary	Engineering
Brown, Jacqueline	University of Waterloo	Biology

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Brown, Jason	University of Calgary	Mathematics
Brown, Katherine	Mount Allison University	Chemistry
Brown, William	University of Western Ontario	Chemistry
Brownlee, Mary	University of Waterloo	Psychology
Brubacher, Douglas	University of Waterloo	Biology
Brun, Yves	Université de Moncton	Biochimie
Brunet, Nathalie	University of Ottawa	Organic Chemistry
Bruskiewich, Richard	Simon Fraser University	Biophysics
Bryant, Shelley	Mount Saint Vincent University	Psychology
Brymer, Christopher	McMaster University	Plant Physiology
Buchanan, Mary-Jean	Université du Québec à Chicoutimi	Géologie
Buckley, Michael	University of Alberta	Civil Engineering
Buhrmann, Ralf	University of Lethbridge	Chemistry
Bulas, Peter	University of Toronto	Neurobiology
Buller, Marian	University of Manitoba	Computer Science
Bunker, Kenneth	Carleton University	Applied Mechanics
Burbidge, Douglas	University of British Columbia	Physics
Burgess, James	University of Guelph	Artificial Intelligence
Burke, Wendy	Simon Fraser University	Kinesiology
Buschmann, Michael	University of British Columbia	Physics
Butler, Malcolm	McMaster University	Theoretical Physics
Butson, Lynn	University of Waterloo	Psychology
Buydens, Brian	University of Saskatchewan	Mathematics
Byrne, Mary-Louise	University of Windsor	Geography
Bzonek, Peter	McMaster University	Plant Physiology
Cairns, Bonnie	University of Waterloo	Kinesiology
Caissy, Richard	Université Laval	Foresterie
Cake, Heather	Saint Mary's University	Psychology
Callaghan, Michael	University of New Brunswick	Mechanical Engineering
Cameron, Keith	University of Guelph	Veterinary Microbiology
Campbell, Ann	University of British Columbia	Biochemistry
Campbell, David	Memorial University	Geophysics
Cano, Danielle	University of Ottawa	Biochemistry
Cardin, Régis	Concordia University	Computer Science
Carlson, Jan	Lakehead University	Psychology
Carmichael, Catherine	Mount Saint Vincent University	Chemistry
Caron, France	Université de Montréal	Mathématiques et statistiques
Caron, Gaetan	Université de Montréal	Chimie
Carr, Heather	Dalhousie University	Experimental Psychology
Carrier, Denis	Université Laval	Physique théorique
Carrier, Denis	Université de Montréal	Recherches opérationnelles
Carrier, Gerard	Université Laval	Génie mécanique
Carroll, Paul	Université de Moncton	Physique
Carrothers, Andrew	University of New Brunswick	Electrical Engineering
Carruthers, Christopher	University of Ottawa	Physical Chemistry
Carver, Martin	University of Manitoba	Metallurgy
Catz, Marcelo	University of Toronto	Operational Research (Physics)
Cerruti, Louis	University of Toronto	Civil Engineering
Cha, Daniel	University of British Columbia	Engineering
Champagne, Alain	Université de Montréal	Physique nucléaire
Champagne, Benoit	Ecole Polytechnique	Génie physique
Chan, Amy	University of British Columbia	Not Indicated - Non Indiqué
Chan, Alex	University of Waterloo	Physical Chemistry

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Chan, Les	University of Saskatchewan	Computer Science
Chan, Peter	University of British Columbia	Physiology
Chang, Edwin	Brock University	Crystallography
Chang, Herbert	University of British Columbia	Biochemistry
Chang, Peter	McGill University	Structural Engineering
Chappell, Andrea	Saint Mary's University	Mathematics
Charbonneau, Fabien	University of Ottawa	Biochemistry
Charlebois, Robert	University of Guelph	Genetics
Chase, Nancy	Saint Thomas University	Psychology
Chau, Felix	Memorial University	Organic Chemistry
Chery, Anne	University of Guelph	Nutrition
Cheung, David	Dalhousie University	Virology
Cheung, Paul	University of Toronto	Chemical Engineering
Chevary, John	Dalhousie University	Mathematics & Physics
Chin, Linda	Macdonald College	Physiology
Cho, Carolyn	Memorial University	Physics
Choi, Wanfung	University of Calgary	Organic Chemistry
Chonn, Arcadio	University of British Columbia	Biochemistry
Christie, Donald	Nova Scotia Agricultural College	Animal Science
Chugh, Shelin	Tech. University of Nova Scotia	Engineering
Chung, Woon-Kee	University of Toronto	Aerospace Studies
Churcher, Peter	University of Waterloo	Earth Sciences
Clark, Bryan	University of Toronto	Geology
Clark, Brent	University of Saskatchewan	Computer Science
Clarke, Lorene	University of Saskatchewan	Veterinary Medicine
Clase, Andrew	University of British Columbia	Chemistry
Cleve, Richard	University of Waterloo	Mathematics
Cline, Cameron	University of Saskatchewan	Engineering
Cloutier, Guy	Univ. du Québec à Trois-Rivières	Génie électrique
Clute, Geoffrey	University of Toronto	Geotechnical Sciences
Coathup, Lawrence	Queen's University	Electrical Engineering
Codd, Judith	York University	Psychology
Coderre, Lise	Univ. du Québec à Trois-Rivières	Biologie médicale
Coghlan, John	University of Alberta	Computer Science
Cohen, Daniel	University of Waterloo	Psychology
Colbourne, Margaret	Simon Fraser University	Kinesiology
Colbourne, Paul	Tech. University of Nova Scotia	Applied Mathematics
Coleman, Ronald	University of British Columbia	Zoology
Coles, David	University of Guelph	Artificial Intelligence
Collicutt, James	Saint Mary's University	Physical Chemistry
Collings, Tim	University of Waterloo	Engineering
Collis, Ronald	York University	Psychology
Companion, Stephen	University of British Columbia	Geology
Connell, Gregory	University of British Columbia	Botany
Connor, Chuck	Dalhousie University	Chemistry
Constabel, Carsten	University of Ottawa	Botany
Cooper, Edward	University of British Columbia	Psychology
Cooper, Mary	University of Toronto	Zoology
Côté, Christian	Dalhousie University	Organic Chemistry
Cote, Helene	Université Laval	Génie biochimique
Côté, Jasmin	Université du Québec à Chicoutimi	Physique
Cotnoir, Liliane	Université de Montréal	Education physique
Cottle, Laura	University of Alberta	Forestry
Coughlin, Katie	University of British Columbia	Physics
Coulson, Dawn-Marie	McGill University	Microbiology & Immunology

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Courteau, Robert	Queen's University	Mechanical Engineering
Courtenay, Ann	University of Guelph	Pathology
Coutinho, Jude	University of Toronto	Neurobiology
Couture, Dorice	Université Laval	Géographie
Couture, Louise	University of Saskatchewan	Physiology
Cover, Kevin	University of Waterloo	Civil Engineering
Craig, Ann	University of Western Ontario	Biochemistry
Craig, Robert	Memorial University	Physics
Crandles, David	University of Ottawa	Physics
Crane, Tania	University of Guelph	Biophysics
Crepeau, Claude	Université de Montréal	Informatique et recherches opér.
Crkovski, Suzanna	University of Toronto	Experimental Psychology
Crocker, Fiona	University of Manitoba	Microbiology
Crookall, Gregory	University of British Columbia	Botany
Cruise, Lorne	University of Manitoba	Nutrition
Csank, Csilla	Macdonald College	Microbiology
Cuddeford, Cheryl	Simon Fraser University	Biology
Culbert, Jeffrey	University of Toronto	Electrical Engineering
Culham, Doreen	University of Guelph	Genetics
Currie, James	Carleton University	Mathematics
Curtis, Susan	University of British Columbia	Biology
Da Silva, Edward	University of Toronto	Metallurgy & Materials Science
Dagenais, Michel	Ecole Polytechnique	Génie électrique
Dalby, James	University of Alberta	Zoology
Dalpé, Michelle	University of Alberta	Plant Science
Dalton, David	Memorial University	Geophysics
Dam, Wayne	McMaster University	Engineering
Danagher, David	University of Waterloo	Physics
Dance, Barbara	Carleton University	Biology
Daniel, Geoffrey	University of Toronto	Chemistry
Daniels, Barbara	Nova Scotia Agricultural College	Plant Science
Dankwardt, John	University of Waterloo	Organic Chemistry
Danylchuk, Kevin	Queen's University	Genetics
Darby, Dennis	McMaster University	Chemical Engineering
Dartnell, Vicki	University of British Columbia	Biochemistry
Davidson, Leonard	University of New Brunswick	Geology
Davie, Melinda	University of Toronto	Virology
Davis, Claytus	Queen's University	Molecular Biology
Davis, Mark	University of British Columbia	Theoretical Physics
Davitt, Kenneth	University of Calgary	Biochemistry
Davy, Olia	University of Toronto	Molecular Biology
Dawson, Steve	University of Toronto	Geology
De Groot, Hans	Carleton University	Psychology
De Médicis, Etienne	Université de Sherbrooke	Physique
De Pasquale, Michael	Brock University	Mathematics
De Santis, Gloria	Wilfrid Laurier University	Psychology
De Souza, Eleanor	University of Ottawa	Biochemistry
De Tremblay, Michèle	Ecole Polytechnique	Energie
DeBlois, Elisabeth	University of New Brunswick	Biology
DeClerck, Rosemarie	Laurentian University	Entomology
Dekoven, Dana	Macdonald College	Wildlife Biology
Dell, Karen	McMaster University	Biochemistry
Dempster, Shiona	Macdonald College	Wildlife Biology

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Denis, Suzanne	University of Ottawa	Health Studies
Dennis, Michael	Brock University	Chemistry
Desilets, Clement	Univ. du Québec à Trois-Rivières	Biophysique
Desilets, Yvan	Univ. du Québec à Trois-Rivières	Chimie
Desjardins, Marc-André	Ecole Polytechnique	Génie civil
Deslauriers, Nathalie	Université de Montréal	Biologie
Deslongchamps, Ghislain	University of Alberta	Organic Chemistry
Desmarais, Ginette	Bishop's University	Plant Ecology
Despins, Charles	McGill University	Engineering
Dewey, Kevin	University of Guelph	Veterinary Medicine
Diamond, Jeffrey	University of Manitoba	Physics
Diciccio, Patricia	McMaster University	Chemical Engineering
Dick, Liane	University of Toronto	Zoology
Dietrich, Barbara	Saint Thomas University	Psychology
Dillistone, Christopher	University of Manitoba	Geophysics
Dionne, Lucie	McGill University	Chemical Engineering
Dionne, Sylvie	Université Laval	Génie métallurgique
D'Iorio, Marc	University of Ottawa	Geophysics
Ditner, Sandra	University of Waterloo	Biology
Diwan, Javed	McGill University	Structural Engineering
Dixon, Alan	Carleton University	Mathematics
Dixon, Kevin	Brock University	Biological Science
Dixon, Mike	Trent University	Psychology
Dixson, Murray	University of Calgary	Physics
Dobson, David	McMaster University	Electrical Engineering
Dodds, Christopher	University of British Columbia	Psychology
Dodds, Georges	Concordia University	Plant Physiology
Doggett, Michael	Mount Allison University	Geology
Donald, Melody	University of Guelph	Zoology
Donati, Leo	University of British Columbia	Genetics
Dooley, Kevin	University of Saskatchewan	Physics
Doran, Laura	Trent University	Environmental Sciences
Doray, Bernard	Université de Montréal	Physique
Doskas, Michael	McGill University	Computer Science
Doucet, David	Carleton University	Electronics & Elect. Eng.
Doucette, Joseph	University of New Brunswick	Biology
Douglas, Janis	University of Windsor	Geography
Doyle, Randy	Memorial University	Engineering
Doyon, Pierre	Université de Sherbrooke	Génie mécanique
Draganiuk, Joanne	University of Alberta	Kinesiology
Drago, Salvatore	University of Toronto	Zoology
Drake, Andrew	University of Western Ontario	Computer Science
Drewery, Sally	University of Waterloo	Geography
Drukier, Gordon	University of Toronto	Astronomy
Dubé, Luc	Université de Montréal	Physique
Dubeau, Jacques	McMaster University	Physics
Dubuc, Benoit	Université de Montréal	Informatique et recherches opér.
Dufour, Alan	Carleton University	Geography
Dugre, Francine	Université Laval	Biochimie
Dumont, François	Université Laval	Nutrition
Dunbar, Craig	University of Toronto	Civil Engineering
Dupuis, Jean	University of British Columbia	Physics
Duquesnay, Mary	University of Waterloo	Physiology
Durand, Stéphane	Université de Montréal	Physique nucléaire

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Durocher, Andre	McGill University	Psychology
Durvasula, Ravi	Dalhousie University	Biology
Dworschak, Kenneth	Queen's University	Physics
Dworsky, Marc	York University	Psychology
Dyck, John	Simon Fraser University	Astronomy
Dyhrenfurth, Bettina	University of Calgary	Kinesiology
Dykshoorn, William	York University	Physics
Dysart, Andrew	Dalhousie University	Psychology
Eastman, Craig	University of Alberta	Metallurgy
Eaton, George	University of Toronto	Electrical Engineering
Eberlee, John	Carleton University	Biochemistry
Ebert, Danny	McGill University	Physiology
Edwards, Dale	Brandon University	Biology
Egan, Sean	University of Manitoba	Biochemistry
Elder, Kenneth	University of Guelph	Physics
Elder, Paul	University of Waterloo	Mathematics
Ellers, Harald	University of Toronto	Mathematics
Elliott, Joel	University of Alberta	Marine Ecology
Elliott, Sally	Carleton University	Chemistry
Elliott, Wayne	University of Lethbridge	Psychology
Ellis, Sara	Dalhousie University	Biology
Ellis, Timothy	University of Ottawa	Biology
Ellwood, Kevin	University of Windsor	Chemical Engineering
Elmgren, Lindsay	University of Alberta	Virology
Emir, Mustafa	Concordia University	Civil Engineering
Enright, Gerald-Liam	Mount Saint Vincent University	Biology
Enright, Mark	University of Western Ontario	Organic Chemistry
Erina, Mark	University of Alberta	Chemistry
Eryavec, Goran	York University	Chemistry
Esseghaier, Zain	Univ. of Prince Edward Island	Chemistry
Esser, David	University of Western Ontario	Chemistry
Etherton, Lillian	University of Western Ontario	Physics
Eveleigh, Bruce	York University	Psychology
Ewing, Philip	University of Alberta	Electrical Engineering
Fabbri, Marc	University of Toronto	Mathematics
Falkenberg, Jon	University of Manitoba	Statistics
Farbridge, Karen	University of Guelph	Zoology
Farges, Jacques	University of Victoria	Mathematics
Faucher, Sylvain	Ecole Polytechnique	Génie physique
Feierabend, Clement	McMaster University	Chemical Engineering
Felato, Maria	University of Waterloo	Psychology
Ferguson, Heather	University of Toronto	Statistics
Fernandes, David	Carleton University	Physics
Ferrier, Nicola	University of Alberta	Mathematics
Ferron, André	Université de Moncton	Océanographie
Feygin, Gennady	University of Alberta	Electrical Engineering
Filiatrault, Andre	Université de Sherbrooke	Génie civil
Filuk, Alex	University of British Columbia	Plasma Physics
Fisher, Ross	McGill University	Physiology
Fleming, Marcia	Simon Fraser University	Inorganic Chemistry
Flemming, Cecily	Brock University	Biochemistry
Flemming, Roberta	Brock University	Not Indicated - Non Indiqué
Fleurent, Lyne	Université du Québec à Montréal	Chimie
Flinn, Bernard	Dalhousie University	Chemistry
Flint-Petersen, Lotte	University of Alberta	Civil Engineering

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Flynn, Susan	University of Western Ontario	Biochemical Engineering
Foley, Steven	University of Toronto	Geology
Fontaine, Yves	Memorial University	Electrical Engineering
Forbes, Andrew	University of Western Ontario	Chemistry
Forsman, Jon	University of Victoria	Physics
Forsyth, Robert	University of British Columbia	Microbiology
Foster Janzen, Vera	Wilfrid Laurier University	Psychology
Fournier, Martin	Ecole Polytechnique	Génie chimique
Fowler, Deborah	University of Saskatchewan	Computer Science
Fradette, Jean	Université de Montréal	Mathématiques
Frazer, Patrick	University of Alberta	Zoology
Freireich, Sherry	York University	Psychology
Freisinger, Eva	University of Windsor	Human Kinetics
Frid, Sandra	Memorial University	Mathematics
Friedrich, Jan	Dalhousie University	Chemistry
Friesen, Christian	Carleton University	Mathematics
Friesen, Douglas	University of Toronto	Psychology
Friesen, Gaynette	University of Manitoba	Ecology & Pedology
Friesen, Helena	McGill University	Genetics
Friesen, Richard	University of Waterloo	Chemistry
Friesen, Victoria	Carleton University	Ornithology
Frisken, Sarah	Queen's University	Mechanical Engineering
Fromentin, Mario	Université Laval	Génie électrique
Fuller, Gordon	University of Toronto	Industrial Engineering
Fung, Marion	University of British Columbia	Molecular Biology
Furtado, Joan	University of Lethbridge	Psychology
Gabor, Zsuzsanna	University of Toronto	Embryology
Gagné, Elaine	Université Laval	Education physique
Gagné, France	Université de Montréal	Médecine vétérinaire
Gagné, Jocelyne	University of Victoria	Physics
Gagne, Richard	Université Laval	Génie civil
Galipeau, Jacques	Université Laval	Biologie
Gallant, Michel	Université de Montréal	Chimie
Galpin, Paul	University of Waterloo	Mechanical Engineering
Galway, Moira	Carleton University	Biology
Garland, Allen	University of Waterloo	Engineering
Garrett, Cynthia	University of British Columbia	Psychology
Garychuk, Gregg	University of Manitoba	Civil Engineering
Gatbonton, Raphael	Concordia University	Electrical Engineering
Gaudet, Daniel	York University	Physics
Gelinas, Nadia	Université de Sherbrooke	Chimie
Germann, Stephen	University of Toronto	Electrical Engineering
Ghitter, Monty	University of Calgary	Electrical Engineering
Gianoulis, Helen	University of Regina	Genetics
Gibb, Murray	Queen's University	Nuclear Physics
Gibbons, Lawrence	University of Lethbridge	Physics
Gibson, Charlotte	Wilfrid Laurier University	Psychology
Gick, Christopher	McGill University	Chemical Engineering
Gill, Arnold	University of British Columbia	Physics & Astronomy
Gillen, Kevin	University of Windsor	Geological Engineering
Gillespie, Donald	University of Manitoba	Computer Sciance
Gillstrom, Brenda	University of British Columbia	Psychology
Ginder, John	McGill University	Mechanical Engineering
Gingell, Ruth	McMaster University	Psychology
Gingras, Claude	McGill University	Electrical Engineering

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Giroux, Sylvie	Université de Montréal	Biochimie
Girzon, Gary	McGill University	Electrical Engineering
Gleeson, James	University of Alberta	Physics
Glover, John	University of Guelph	Plant Physiology
Goddyn, Luis	Simon Fraser University	Mathematics
Godin, Guy	Centres INRS	Génie électrique
Godon, Ann	Tech. University of Nova Scotia	Engineering
Goffart, John	University of Toronto	Mathematics
Goh, Steven	University of British Columbia	Forestry
Gohh, Frederick	University of Toronto	Electronics & Elect. Eng.
Gold, Solomon	University of Toronto	Zoology
Goldie, David	University of Waterloo	Earth Sciences
Goldstein, Jack	University of Toronto	Computer Science
Gomes, Pedro	University of Toronto	Aerospace Engineering Science
Good, David	Carleton University	Geology
Gosselin, Clément	Université de Sherbrooke	Not Indicated - Non Indiqué
Gostick, Albert	University of Guelph	Crop Science
Gough, William	University of Waterloo	Physics
Goulet, Kirby	University of Saskatchewan	Electrical Engineering
Graça, Maria	Tech. University of Nova Scotia	Civil Engineering
Graham, Douglas	University of Calgary	Electrical Engineering
Graham, Moira	University of Western Ontario	Statistics
Graham, Roger	Queen's University	Biochemistry
Graham, Susan	University of Guelph	Biochemistry
Grape, Richard	York University	Physical Education
Gray, Allison	Memorial University	Nutrition
Green, Deborah	University of New Brunswick	Civil Engineering
Green, Joyce	Carleton University	Psychology
Gregoire, Gary	University of Alberta	Zoology
Grein, Christoph	University of Toronto	Physics
Griffin, Dale	University of British Columbia	Psychology
Grillmair, Carl	University of Victoria	Physics
Grondin, Gregory	University of New Brunswick	Physics
Gruenke, Sally	University of Manitoba	Microbiology
Gupta, Arvind	University of Toronto	Computer Science
Guy, Norma	Dalhousie University	Biochemistry
Hadjigeorghiou, Susan	Univ. College of Cape Breton	Physical Chemistry
Haebler, Roland	Tech. University of Nova Scotia	Environmental Sciences
Hagen, Anna	University of Ottawa	Chemical Engineering
Haggar, Bertrand	University of Toronto	Mathematics
Hagglund, Barry	University of Saskatchewan	Electrical Engineering
Hale, Elizabeth	Nova Scotia Agricultural College	Animal Science
Haley, Cynthia	University of Calgary	Psychology
Hall, Catherine	University of Western Ontario	Computer Science
Hall, Ruth	University of Guelph	Soil Science
Hall, Sandra	University of Alberta	Structural Engineering
Ham, Kay	University of Manitoba	Biochemistry
Hamm, Shannon	University of Manitoba	Psychology
Hammer, Philip	University of British Columbia	Physics
Hampel, Ernest	McMaster University	Biochemistry
Hans, Rajvinder	McGill University	Electrical Engineering
Hanson, Alan	Mount Allison University	Animal Physiology
Harden, Nicholas	University of British Columbia	Genetics
Harms, Janelle	University of Saskatchewan	Computer Science

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Harper, John	University of Toronto	Astronomy
Harper, Paula	University of Lethbridge	Biology
Harris, Michelle	Saint Thomas University	Psychology
Harrold, Barry	University of Alberta	Physics
Hartmann, Kim	University of Alberta	Geology
Harvey, Holly	Saint Thomas University	Psychology
Harvey, Lawrence	University of Toronto	Geography
Harvey, Philip	Queen's University	Physics
Harwood, Kelly	University of Toronto	Industrial Engineering
Hauer, Pamela	University of Saskatchewan	Structural Engineering
Hayden, Michael	University of British Columbia	Engineering Physics
Heap, Christopher	University of Guelph	Psychology
Heaton, Mary	University of Windsor	Microbiology
Hébert, François	University of Waterloo	Electrical Engineering
Heiderich, Karen	University of British Columbia	Theoretical Physics
Hendrix, Arlene	University of Saskatchewan	Mechanical Engineering
Henley, Robert	University of Calgary	Chemical Engineering
Herbert, John	Univ. of Prince Edward Island	Chemistry
Heytens, Adiel	Lakehead University	Engineering
Hickey, Andrea	University of New Brunswick	Biology
Hill, Mary	University of Ottawa	Biology
Hilliker, Carl	University of Waterloo	Engineering
Hiltz, Edith	University of Saskatchewan	Engineering
Hinsberger, Ann	University of Western Ontario	Biology
Hinz, David	University of Alberta	Theoretical Physics
Hiscox, Lorraine	University of Guelph	Pathology
Hlywka, Gwen	University of Guelph	Microbiology
Hobbs, Cynthia	University of Guelph	Veterinary Pathology
Hochachka, Wesley	University of Alberta	Zoology
Hofbauer, Sheila	McGill University	Biochemistry
Hoffman, David	Carleton University	Pharmacology
Holland, David	Simon Fraser University	Physics
Hollingshead, Stephen	University of Toronto	Civil Engineering
Home, William	Bishop's University	Chemistry
Homes, Christopher	McMaster University	Physics
Hoogerdijk, John	University of Lethbridge	Physics
Horn, Heidi	University of Victoria	Biochemistry
Hoskins, Philip	Memorial University	Mathematics
Hotson, Richard	Simon Fraser University	Biology
Houde, Robert	Macdonald College	Biochemistry
Hourtovenko, Clyde	Laurentian University	Chemistry
House, Robert	Carleton University	Mechanical Engineering
Howe, Lawrence	Carleton University	Physics
Howell, Arlene	University of Saskatchewan	Chemical Engineering
Howell, Ann	Simon Fraser University	Molecular Biology
Howell, Brian	University of Western Ontario	Chemistry
Hrdlicka, Clifford	University of Alberta	Electrical Engineering
Hsu, Theodore	University of Victoria	Astronomy
Huard, Allan	St. Francis Xavier University	Geology
Huber, Garth	University of Regina	Physics
Huber, Stephen	University of Waterloo	Chemical Engineering
Hughes, Debra	McMaster University	Psychology
Hughes, James	University of Victoria	Biochemistry & Microbiology
Hughes, Peter	Dalhousie University	Oceanography
Hugo, Patrice	Université du Québec à Montréal	Sciences biologiques

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Huhtanen, Jayne	McMaster University	Chemical Engineering
Hui, Hoppy	University of Toronto	Nutrition
Hum, Patricia	Saint Thomas University	Psychology
Hunter, Alison	University of Toronto	Botany
Hurley, Richard	University of New Brunswick	Computer Centre
Hurwitz, Marc	University of Guelph	Physics
Hutnik, Cindy	University of Windsor	Biochemistry
Hykle, Douglas	University of Guelph	Mathematics & Statistics
Iglesias, Marcos	Queen's University	Anatomy
Ilg, Vic	University of Manitoba	Mechanical Engineering
Imeson, Helena	University of Alberta	Botany
Ing, Brian	University of Waterloo	Physiological Optometry
Inman, Alastair	McGill University	Biology
Ip, Peter	University of Toronto	Astronomy
Ip, Trevor	University of Western Ontario	Biochemical Engineering
Isaac, Carey	University of British Columbia	Chemistry
Isaak, Peter	University of Toronto	Chemical Engineering
Islam, Anita	University of Calgary	Psychology
Ismi, Naghma	University of British Columbia	Biology
Ivany, Deanne	Memorial University	Chemistry
Iversen, Rodney	Carleton University	Computer Engineering
Iwaniw, Diana	Queen's University	Biochemical Engineering
Izienicki, Margaret	University of Calgary	Mathematics & Statistics
Jabbour, Mona	McMaster University	Biochemistry
Jang, May-Ling	University of British Columbia	Chemistry
Janssen, Cindy	York University	Physical Education
Jany, Susan	University of Waterloo	Physiological Optometry
Jaworski, Wayne	University of Manitoba	Statistics
Jedicke, Robert	University of Western Ontario	Physics
Jelsma, Anthony	McMaster University	Biochemistry
Jennings, Michael	Simon Fraser University	Organic Chemistry
Jessome, Danny	Univ. College of Cape Breton	Statistics
Jessop, Christopher	Queen's University	Physics
Jiwa, Karima	Simon Fraser University	Biology
Jodoin, Sylvain	Ecole Polytechnique	Génie électrique
Joerissen, William	University of Regina	Electrical Engineering
Joffe, Ari	University of Calgary	Biology
Johnson, Clark	Lakehead University	Chemical Engineering
Johnson, Julia	University of Guelph	Nutrition
Johnson, Patricia	University of British Columbia	Biochemistry
Johnston, James	University of British Columbia	Chemistry
Johnston, Keith	Dalhousie University	Geology
Johnston, Karen	University of Western Ontario	Physiology
Johnstone, John	University of Saskatchewan	Computer Science
Jones, Dennis	Dalhousie University	Physics
Jones, David	University of Western Ontario	Computer Science
Jones, Michael	University of Waterloo	Earth Sciences
Jong, William	Acadia University	Geology
Jorgensen, Kenn	University of Calgary	Engineering
Juby, Carl	Bishop's University	Organic Chemistry
Jui, Charles	University of Ottawa	Physics
Kader, Sharon	University of Ottawa	Physics
Kafato, Bob	McMaster University	Biology
Kalantar, Thomas	University of Alberta	Chemistry
Kanungo, Nachiketa	McGill University	Mechanical Engineering

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Karchewski, John	University of Saskatchewan	Engineering
Kates, Ilona	University of Ottawa	Biochemistry
Kates, Marja	University of Ottawa	Physics
Katz, Mark	York University	Biochemistry
Kaufmann, Paul	University of Waterloo	Chemical Engineering
Kaufmann, Roy	McMaster University	Psychology
Kawamura, Peter	University of Toronto	Chemical Engineering
Kaye, Andrew	York University	Physics
Kaye, Derek	University of British Columbia	Geography
Keating, Scott	McGill University	Neurobiology
Keeler, Scott	University of Waterloo	Engineering
Kelly, Christopher	University of Toronto	Astronomy
Kemper, Larraine	University of Alberta	Psychology
Kennedy, Ian	McMaster University	Mechanical Engineering
Kennedy, Karen	Queen's University	Biology
Kenscoff, Jean	Université du Québec à Montréal	Biochimie
Kerr, Therese	McMaster University	Experimental Psychology
Khan, Sonia	McMaster University	Biology
Khodeir, Lucien	Carleton University	Mathematics
Kierkus, Paul	University of Windsor	Inorganic Chemistry
Kim, Eunsil	McGill University	Biochemistry
Kim, Ki	University of British Columbia	Computer Centre
King, Bryan	University of Regina	Genetics
Kingsbury, Christopher	Trent University	Geography
Kinney, Belinda	Dalhousie University	Biology
Kirby, Simon	Memorial University	Electrical Engineering
Kitchenham, Robert	University of Western Ontario	Inorganic Chemistry
Klassen, Rodney	University of Calgary	Electrical Engineering
Klassen, Robert	McMaster University	Physics
Klie, Brenda	University of Toronto	Parasitology
Klippenstein, Stephen	University of British Columbia	Chemistry
Knabe, Susan	Wilfrid Laurier University	Biology
Knee, Lewis	University of Victoria	Astronomy
Kniel, Edward	University of Alberta	Physics
Knobloch, Carl	Queen's University	Biology
Knudsen, Knud	University of Alberta	Electrical Engineering
Knutt, Marcia	University of Western Ontario	Astronomy
Kocherlakota, Rama	University of Manitoba	Mathematics
Koenig, Hans	University of Calgary	Inorganic Chemistry
Koivisto, Carolyn	Simon Fraser University	Biology
Kon, Allan	McGill University	Chemistry
Konforti, Boyana	York University	Biology
Koob, Eric	University of Saskatchewan	Chemical Engineering
Koolen, Grace	University of Western Ontario	Geology
Kope, Brian	University of Waterloo	Engineering
Kornelsen, Kevin	University of Alberta	Physics
Kozma, Elizabeth	Memorial University	Organic Chemistry
Kozole, Karl	University of Toronto	Not Indicated - Non Indiqué
Kramer, Gary	University of Waterloo	Civil Engineering
Krannitz, Pamela	University of Guelph	Plant Ecology
Kraus, Jerry	Queen's University	Psychology
Kreidstein, Michael	University of Toronto	Psychology
Kremer, John	University of Toronto	Civil Engineering
Krentz, Richard	Simon Fraser University	Organic Chemistry
Kreuzer, Ronald	University of Waterloo	Physiological Optometry

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Krieger, Peter	Dalhousie University	Physics
Krisman, Avery	University of British Columbia	Biochemistry
Kristjanson, Scott	University of British Columbia	Computer Science
Kroner, Ken	University of Alberta	Mathematics
Krysac, Lorraine	University of Toronto	Physics
Kuegle, Peter	McMaster University	Genetics
Kula, Leonard	University of Calgary	Mechanical Engineering
Kupelian, Annie	McGill University	Microbiology
Kuprat, Andrew	York University	Physics
Kurtenbach, Gordon	University of Saskatchewan	Computer Science
Kwan, John	McGill University	Mechanical Engineering
Kwan, Mark	Concordia University	Electrical Engineering
Kwan, Tom	University of Toronto	Electrical Engineering
Kwong, Charles	University of British Columbia	Chemistry
Laberge, Gaëtan	Université Laval	Foresterie
Labinaz, Marino	Queen's University	Genetics
Lacasse, Vincent	Ecole Polytechnique	Génie électrique
Lachapelle, Claude	Université de Sherbrooke	Génie mécanique
Lacouture, Roxane	Université de Montréal	Informatique et recherches opér.
Laflamme, Raymond	Université Laval	Physique
Laframboise, Michèle	Université de Montréal	Géographie
Lafreniere, Richard	Laurentian University	Psychology
Lai, Kin	Brock University	Physics
Lalonde, Louise	University of Calgary	Biology
Lalonde, Lisa	McMaster University	Virology
Lalonde, Richard	University of Ottawa	Physics
Lam, Kenneth	University of Toronto	Chemistry
Lamb, Richard	University of Manitoba	Medical Physics
Lambert, Laurie	York University	Physical Education
Lamoureux, Christian	Université de Sherbrooke	Physiologie
Lamoureux, Guy	University of Alberta	Organic Chemistry
Lancaster, Jill	University of British Columbia	Zoology
Landall, Jerrold	University of Toronto	Biomedical Engineering
Landry, Bernard	Université de Montréal	Biologie
Lane, Patricia	University of Alberta	Organic Chemistry
Lang, Shermon	University of Waterloo	Engineering
Langis, Robert	Univ. du Québec à Trois-Rivières	Biologie
Langlais, Louise	University of Guelph	Zoology
Langlois, Francis	Ecole Polytechnique	Génie électrique
Lansche, Martin	York University	Mathematics
Lanthier, Robert	Université Laval	Génie minier
Lapointe, Jean	University of British Columbia	Nuclear Physics
Lapointe, Martine	Université de Montréal	Géologie
Laroche, Michèle	University of Ottawa	Mathematics
Laroche, Sylvain	McGill University	Mathematics
Larson, Ronald	University of Alberta	Agricultural Engineering
Lauzon, Claude	Université de Montréal	Chimie
Laviolette, François	Université de Montréal	Mathématiques
Laxon, Paul	University of Western Ontario	Physics
Lazar, Michael	University of Alberta	Electrical Engineering
Le, Kim	Concordia University	Computer Science
Leafloor, Shawn	Carleton University	Biology
Leaman, Gordon	University of New Brunswick	Civil Engineering
LeBlanc, Margaret	St. Francis Xavier University	Chemistry

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Leblanc, Marie-Paule	Université de Montréal	Nutrition
Leckett, Blaine	Concordia University	Biology
L'Ecuyer, Jean	University of Ottawa	Electrical Engineering
Ledoux, Jacinthe	Université Laval	Nutrition
Lee, Eddy	University of Western Ontario	Computer Science
Lee, Lap	University of British Columbia	Chemistry
Lee, Nelson	University of British Columbia	Chemistry
Lee, Ronald	University of Toronto	Zoology
Lee, Raymond	University of Toronto	Electrical Engineering
Lee, Susan	University of British Columbia	Chemistry
Lee, Seri	University of Waterloo	Mechanical Engineering
Lee, Sandra	University of Alberta	Zoology
Lee, Tamara	University of Calgary	Crystallography
Lee, Wendy	University of British Columbia	Chemistry
Lees, Watson	McGill University	Theoretical Chemistry
Legault, Larry	York University	Physics
Léger, Christian	McGill University	Statistics
Leger, Jocelyne	Université de Moncton	Biochimie
Leinweber, Derek	University of Guelph	Physics
Lemay, Yves	Université du Québec à Rimouski	Biologie
Lemieux, Marc-Andre	Université de Sherbrooke	Physique
Lenney, Forrest	University of Waterloo	Mathematics
Lenz, Michael	Carleton University	Mechanical Engineering
Leong, Carson	University of British Columbia	Biochemistry
Leong, Dennis	University of British Columbia	Chemical Engineering
Lepitzki, Dwayne	University of Alberta	Parasitology
Leroux, Michel	Univ. du Québec à Trois-Rivières	Kinesiologie
Leschinsky, Fred	McMaster University	Mechanical Engineering
L'Esperance, André	Université de Sherbrooke	Génie mécanique
Lessard, Pierre	Université de Sherbrooke	Chimie
Letilley, Corinne	University of Saskatchewan	Computer Science
Leung, Joe	University of British Columbia	Chemistry
Leung, Raymond	University of Calgary	Chemical Engineering
Levin, Richard	University of Winnipeg	Psychology
Levy, Paula	University of British Columbia	Chemistry
Lewars, Barbara	University of Guelph	Pathology
Li, Raymond	University of Toronto	Computer Science
Liang, Charles	University of Toronto	Chemistry
Lim, Anthony	University of British Columbia	Biochemistry
Lim, Fung-Tong	University of British Columbia	Physiology
Lin, Julia	University of British Columbia	Microbiology
Linehan, Patrick	Dalhousie University	Physical Chemistry
Ling, Hubert	University of British Columbia	Chemistry
Linklater, Lorene	University of Toronto	Computer Science
Little, Blane	Dalhousie University	Mathematics & Physics
Livshits, Leonid	University of Waterloo	Applied Mathematics
Lloyd, Yvette	University of British Columbia	Genetics
Lock, Gary	University of Victoria	Physics
Long, Barbara	University of Toronto	Astronomy
Longo, Lorenzo	Queen's University	Electrical Engineering
Louie, Henry	University of British Columbia	Physiology
Lowe, Dennis	University of Manitoba	Physics
Lu, Steven	University of Toronto	Physics
Luck, Loree	University of Saskatchewan	Physiology
Luckow-Nielsen Gomes, A.	University of Toronto	Chemistry

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Luke, Graeme	Queen's University	Nuclear Physics
Lundgren, Kent	University of British Columbia	Biophysics
Luttikhuis, Alexander	University of Western Ontario	Microbiology
Lyon, Norman	University of Manitoba	Computer Engineering
Lyons, Michael	University of British Columbia	Physics
Lypchuk, Tanya	McGill University	Applied Mathematics
Ma, So	University of Alberta	Civil Engineering
MacAulay, Alexander	Dalhousie University	Theoretical Physics
Maccagno, Terry	University of Alberta	Metallurgy
MacCallum, Ruth	University of New Brunswick	Psychology
MacDonald, Andrew	Saint Mary's University	Geology
MacDonald, Carolyn	McGill University	Psychology
Macdonald, Ellen	University of Calgary	Biology
MacDonald, Gordon	Dalhousie University	Mathematics
MacDonald, Margaret	St. Francis Xavier University	Chemistry
MacDonald, Patricia	Univ. College of Cape Breton	Chemistry
Machutchon, Robert	University of Winnipeg	Geography
MacInnis, Ian	Dalhousie University	Geochemistry & Mineralogy
MacIntyre, Kevin	Univ. of Prince Edward Island	Physics
MacIsaac, Theresa	St. Francis Xavier University	Biology
Mack, Donald	University of Saskatchewan	Electrical Engineering
Mack, Ian	Tech. University of Nova Scotia	Industrial Engineering
MacKenzie, Cynthia	Univ. of Prince Edward Island	Biology
MacKey, William	University of Toronto	Anatomy
MacNeil, Janice	Univ. College of Cape Breton	Physiology
MacQueen, Robin	University of British Columbia	Physics
Macrae, Nelson	Univ. of Prince Edward Island	Biology
MacTavish, James	University of Waterloo	Biophysics
Madigan, Philip	University of New Brunswick	Electrical Engineering
Maenpaa, Douglas	Laurentian University	Physics
Mah Poy, Michael	University of Alberta	Electrical Engineering
Mahar, Janice	Acadia University	Inorganic Chemistry
Maiste, Anita	University of Guelph	Experimental Psychology
Major, John	University of Toronto	Forestry
Makarow, Irina	McGill University	Mining & Metallurgy
Makos, Bruce	University of Toronto	Biochemistry
Maksymyk, Ivan	University of Western Ontario	Electrical Engineering
Malaher, Thomas	University of Manitoba	Mechanical Engineering
Maliepaard, Michael	Queen's University	Physics
Mallabone, Catherine	University of Calgary	Chemical Engineering
Manak, Davinder	University of Victoria	Physics
Manara, Diane	Dalhousie University	Psychology
Mancini, Joseph	McGill University	Biochemistry
Mandeville, Pierre	Ecole Polytechnique	Génie physique
Mandrusiak, Gary	University of Alberta	Mechanical Engineering
Manegre, Donna	University of Saskatchewan	Computer Science
Manette, Wanda	Mount Saint Vincent University	Nutrition
Mansfield, Philip	University of Toronto	Applied Mathematics
Manson, Karen	University of Saskatchewan	Computer Science
Manuel, John	Dalhousie University	Physics
Marceau, Louis-André	Université Laval	Génie mécanique
Marcus, Henry	York University	Chemistry
Marinoff, Louis	Concordia University	Physics
Mark, David	McMaster University	Chemistry
Marko, John	University of Alberta	Physics

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Marmet, Louis	University of Ottawa	Physics
Marrett, Avalon	University of Calgary	Engineering
Marsiglio, Frank	University of Toronto	Physics
Martel, Charles	Université de Sherbrooke	Physique
Martel, Hugo	University of British Columbia	Nuclear Physics
Martens, John	University of Manitoba	Physics
Martin, Denis	McGill University	Electrical Engineering
Martin, Joel	University of Manitoba	Psychology
Martinuzzi, Robert	McGill University	Mechanical Engineering
Masciantonio, Angelo	University of Western Ontario	Civil Engineering
Mason, Warren	University of Toronto	Chemistry
Masri, Bassam	University of British Columbia	Organic Chemistry
Matassa, Tonino	University of Toronto	Mechanical Engineering
Matthews, Christopher	University of Toronto	Physics
Matthews, Margaret	Dalhousie University	Psychology
Maulsby, David	University of Calgary	Computer Science
Maurice, Luc	University of Ottawa	Chemistry
Mauti, Roy	University of Toronto	Chemical Engineering
Mavro, Frank	Lakehead University	Biology
May, Bruce	University of Winnipeg	Genetics
Mayer, René	Ecole Polytechnique	Génie mécanique
Mayrand, Louis	Ecole Polytechnique	Géophysique
McAdorey, Colin	Brock University	Computer Science
McAllister, Timothy	University of Alberta	Agriculture
McAuley, Jane	Queen's University	Biology
McBain, Caroline	University of Calgary	Biology
McBain, Ian	Simon Fraser University	Psychology
McCabe, Phyllis	York University	Psychology
McCallum, Alan	Tech. University of Nova Scotia	Mechanical Engineering
McCaw, Mary	McMaster University	Biochemistry
McConachie, David	University of Toronto	Zoology
McConnell, Gordon	Queen's University	Electrical Engineering
McCuray, Sylvia	Dalhousie University	Biology
McCutcheon, Steve	Brock University	Biological Science
McDonald, Michael	University of Saskatchewan	Computer Science
McFarlane, Virginia	University of Toronto	Psychology
McGarry, Patrick	University of Toronto	Chemistry
McGilly, Catherine	McGill University	Psychology
McGregor, Jeffrey	Brandon University	Computer Science
McIntosh, David	University of Waterloo	Applied Mathematics
McKay, John	University of Manitoba	Civil Engineering
McKee, Andrew	Dalhousie University	Molecular Biology
McKenzie, Jennifer	Queen's University	Electrical Engineering
McKinnon, Barbara	University of Victoria	Medicine
McKinnon, Graham	University of Alberta	Applied Mathematics
McLachlin, Catherine	University of Western Ontario	Biology
McLeod, Christopher	University of Toronto	Forest Pathology
McNair, Brenda	Queen's University	Plant Physiology
McPherson, Russell	Queen's University	Mining Engineering
McTaggart, Kevin	University of Western Ontario	Civil Engineering
McVinnie, Katherine	University of Windsor	Microbiology
Mehta, Sanjay	McGill University	Biochemistry
Mehuys, David	University of Toronto	Electrical Engineering
Melham, Thomas	University of Calgary	Computer Science
Ménard, Richard	University of Alberta	Physics

E.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Mendelovits, Cristian	McMaster University	Physics
Menemenlis, Dimitris	McGill University	Electrical Engineering
Menon, Kusum	University of British Columbia	Chemistry
Merali, Karim	University of British Columbia	Chemical Engineering
Mercer, Douglas	Memorial University	Oceanography
Mercer, Shauna	University of Alberta	Engineering
Merette, Chantal	Université Laval	Statistiques
Merlo, Tony	McMaster University	Structural Engineering
Mermer, Christopher	University of Toronto	Geophysics
Merritt, Catherine	University of Calgary	Chemistry
Merritt, Timothy	University of Western Ontario	Electrical Engineering
Mesa, Margaret	University of Manitoba	Physics
Michael, Stephanie	Memorial University	Psychology
Midma, Rajiv	University of Toronto	Zoology
Milburn, Douglas	Mount Allison University	Physics
Miller, David	University of Western Ontario	Chemistry
Miller, Daniel	University of New Brunswick	Engineering
Millette, Pierre	Université de Montréal	Neurobiologie
Milne, Jacqueline	University of British Columbia	Microbiology
Milner, Jocelyn	University of Guelph	Microbiology
Mimran, Gracia	McGill University	Electrical Engineering
Misutka, Stephen	University of Alberta	Animal Nutrition
Mitchell, Alan	University of Alberta	Electrical Engineering
Mitchell, David	University of British Columbia	Oceanography
Mo, Cheng	University of Manitoba	Electrical Engineering
Mo, Freddy	University of Ottawa	Electrical Engineering
Modi, Amita	University of British Columbia	Physiology
Mohiudoin, Khalid	University of Western Ontario	Computer Science
Moir, Deborah	University of Alberta	Chemistry
Molleur-Dion, Claire	University of Ottawa	Psychology
Moloney, Angela	Dalhousie University	Biology
Moltner, James	University of Waterloo	Electrical Engineering
Monck, Myrna	St. Francis Xavier University	Computer Science
Montgomery, Scott	University of Victoria	Biochemistry
Montpetit, Isabelle	Macdonald College	Entomology
Montreuil, Pierre	Ecole Polytechnique	Génie électrique
Moore, Pamela	Memorial University	Geochemistry & Mineralogy
Morehouse, Scott	University of New Brunswick	Physical Chemistry
Morewood, Robert	University of Alberta	Mathematics
Morgan, Michael	Memorial University	Physics
Morin, Eric	Université Laval	Microbiologie
Morin, Guy	Université Laval	Mines et métallurgie
Morin, Mario	Université de Montréal	Chimie
Morissette, Anne	Université de Sherbrooke	Géographie
Morrier, Alain	Université de Montréal	Sciences biologiques
Morris, Denis	Tech. University of Nova Scotia	Mechanical Engineering
Morris, David	University of Toronto	Mathematics
Morrison, Derek	University of Alberta	Electrical Engineering
Morrison, Earl	Dalhousie University	Biology
Mortimer, William	University of Manitoba	Statistics
Mosser, Dick	University of Waterloo	Biology
Mott-Trille, Helen	University of Toronto	Zoology
Muir, Gillian	University of Calgary	Organic Chemistry
Mukherjee, Ashok	University of Toronto	Microbiology
Munding, Thomas	McMaster University	Engineering Physics

6.1 University Undergraduate Summer Research Awards (continued)/
Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Munroe, Shawn	Tech. University of Nova Scotia	Engineering
Muradali, Derek	McGill University	Physiology
Murdoch, Janet	Mount Allison University	Biology
Murphy, David	Memorial University	Biochemistry
Murphy, Jennifer	University of Saskatchewan	Computer Science
Murray, Robert	University of Manitoba	Psychology
Narang, Mullieka	Tech. University of Nova Scotia	Chemistry
Nasso, Domenic	University of Toronto	Pathology
Naylor, Brian	University of Toronto	Forestry
Negus, Kevin	University of Waterloo	Mechanical Engineering
Nelson, Karen	McMaster University	Biochemistry
Nero, Brook	University of Manitoba	Entomology
Neubauer, Jim	University of Windsor	Chemical Engineering
Neudorf, Kenneth	University of Manitoba	Computer Engineering
Neufeldt, Kevin	University of Waterloo	Engineering
Newcomb, Paulette	Acadia University	Physiology
Newell, Tracy	University of Alberta	Physiology
Nezil, Frank	University of British Columbia	Biophysics
Ng, Grace	University of British Columbia	Botany
Nguyen, Cat	McMaster University	Civil Engineering
Nguyen, Dong	University of Waterloo	Mathematics
Nguyen, Quoc	University of Western Ontario	Statistics
Nguyen, Thanh-Son	Concordia University	Electrical Engineering
Nguyen, Thanh	St. Francis Xavier University	Physics
Nguyen, The	McMaster University	Civil Engineering
Nianiaris, Nicholas	University of Toronto	Virology
Nickells, Robert	University of Victoria	Biology
Nicol, Elisabeth	Mount Allison University	Astronomy
Nielsen, Anthony	University of British Columbia	Zoology
Noehammer, Peter	University of Toronto	Civil Engineering
Nolan, Kathleen	Saint Mary's University	Physics
Nolte, Annette	University of Guelph	Biology
Nordal, Robert	McGill University	Physics
Nordli, Charlene	University of British Columbia	Genetics
Norem, David	University of Alberta	Geology
North, Leonard	Nova Scotia Agricultural College	Biology
Nyhof, Joyce	University of Toronto	Zoology
Nykanen, David	University of Calgary	Biology
O'Brien, Katherine	University of Toronto	Chemistry
O'Brien, William	University of Victoria	Chemistry
O'Connor, Deborah	University of Guelph	Nutrition
Ogilvie, William	Laurentian University	Organic Chemistry
Ogilvy, Karen	Simon Fraser University	Chemistry
O'Hanley, John	Univ. of Prince Edward Island	Physics
Ohlson, Dan	University of Manitoba	Energy
Okun, Maureen	Simon Fraser University	Psychology
Olde, Linda	Macdonald College	Microbiology
Olson, John	University of Calgary	Organic Chemistry
Omielan, Joseph	University of Guelph	Crop Science
Ondracka, Sandra	University of Windsor	Human Kinetics
O'Neil, David	Queen's University	Mechanical Engineering
Oppel, Lloyd	University of Victoria	Biochemistry
Ouellet, Joseph	Université de Sherbrooke	Génie mécanique
Ouellette, Michel	Acadia University	Plasma Physics
Ozen, Nilay	University of British Columbia	Biochemistry

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Pagani, Suzanne	McMaster University	Palaeontology
Pagdin, Grant	University of British Columbia	Organic Chemistry
Palameta, Gordan	McMaster University	Theoretical Physics
Palmer, Jody	University of Alberta	Physics
Palmer, Michelle	McMaster University	Organic Chemistry
Panicucci, Rick	McMaster University	Organic Chemistry
Pankratz, Lisa	Carleton University	Chemistry
Panneton, Louis	Université Laval	Entomologie
Panzarella, Tony	University of Toronto	Statistics
Papandreou, Zisis	University of Regina	Physics
Parent, Andre	Centres INRS	Physique
Parker, Kenneth	University of Western Ontario	Chemistry
Parkhill, Russell	University of Toronto	Anthropology
Parkinson, Peter	University of Waterloo	Computer Engineering
Parrot, François	Université Laval	Génie civil
Parsons, John	McMaster University	Physics
Pasloske, Brittan	University of Saskatchewan	Microbiology
Paton, Steven	McMaster University	Biology
Patrick, Brian	Concordia University	Not Indicated - Non Indiqué
Patsula, Deanne	University of Alberta	Wildlife Biology
Patton, David	University of Calgary	Biochemistry
Payne, David	University of Toronto	Chemical Engineering
Payne, Neil	Acadia University	Chemistry
Payne, Stephen	University of Toronto	Metallurgy
Pearson, David	University of British Columbia	Microbiology
Pegrum, Janet	University of Guelph	Veterinary Medicine
Pellerin, Stephane	Université de Montréal	Mathématiques
Pelletier, Chantal	University of Ottawa	Psychology
Pengelley, Madeleine	York University	Physics
Penswick, John	Queen's University	Chemical Engineering
Pernarowski, Mark	University of British Columbia	Mathematics
Perron, Marc	Université de Montréal	Génétique
Persad, Ricardo	Brock University	Computer Science
Pesant, Martin	Université Laval	Energie
Peterson, Andrew	University of Saskatchewan	Physics
Peterson, Michele	York University	Psychology
Peterson, Tony	University of Calgary	Geology
Petit, Dominique	Université du Québec à Montréal	Psychologie
Pham, Quoc	Memorial University	Mathematics
Philpotts, Liane	McGill University	Molecular Biology
Piers, Warren	University of British Columbia	Organic Chemistry
Pike, Gilbert	Memorial University	Electrical Engineering
Pilon, Stéphane	Université de Montréal	Biologie
Pinhey, Craig	Tech. University of Nova Scotia	Engineering
Pinkerton, David	Queen's University	Chemistry
Pinto, Angelo	University of Toronto	Zoology
Piscitelli, Rosanne	University of Windsor	Biology
Pizzey, Monica	University of Regina	Crystallography
Platzke, Tammy	University of Alberta	Home Economics
Plaxton, Charles	University of Western Ontario	Physics
Plewes, Edwin	University of Saskatchewan	Agriculture
Plint, Heather	Brock University	Geology
Ployart, Linda	University of British Col[illegible]	Psychology
Poirier, Yves	McGill University	Genetics
Poll, Helena	University of Guelph	Physics

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Polowin, Joel	Carleton University	Chemistry
Pompetzki, Mark	University of Waterloo	Civil Engineering
Pontifex, Gregory	Lakehead University	Chemical Engineering
Porlier, Joël	Université de Sherbrooke	Génie mécanique
Potvin, Robin	Université du Québec à Chicoutimi	Géologie
Pradhan, Atul	University of Windsor	Physics
Prager, Walter	Concordia University	Computer Science
Preete, Kerry	University of Saskatchewan	Kinesiology
Price, Karen	University of British Columbia	Zoology
Prokipcak, Becky	University of Guelph	Horticulture
Prystupa, David	McGill University	Physics
Quaglia, Michele	University of Winnipeg	Entomology
Quashnock, John	University of Toronto	Nuclear Physics
Quastel, Jeremy	University of British Columbia	Mathematics
Quinlan, Gerald	University of Toronto	Physics
Raboud, Paul	University of Alberta	Civil Engineering
Raby, Wilfrid	Macdonald College	Agricultural Chemistry
Racok, Julie	University of Western Ontario	Organic Chemistry
Radermacher, Alfred	University of Calgary	Biology
Rafla, Hany	McMaster University	Biochemistry
Rahmouni, Yacine	Ecole Polytechnique	Génie électrique
Randall, Deborah	University of Guelph	Botany
Rankin, Kevin	McMaster University	Polymer Chemistry
Raptis, Stavros	McGill University	Biochemistry
Ratto, Patrick	McGill University	Computer Science
Rawlinson, Nancy	University of Ottawa	Biology
Ray, Gordon	University of Toronto	Geodesy & Geophysics
Ray, Glen	University of Windsor	Mechanical Engineering
Raymond, Martine	Université Laval	Biologie
Redekop, Gary	Wilfrid Laurier University	Biology
Reed, Christopher	University of Toronto	Mathematics
Reiss, Jennifer	Concordia University	Psychology
Rensing, Paul	York University	Physics
Reynolds, Meritt	University of British Columbia	Physics
Rice, Philip	University of Western Ontario	Astronomy
Richard, Thomas	University of Western Ontario	Physical Chemistry
Riley, David	University of Calgary	Mathematics & Statistics
Rindress, Donna	McGill University	Biochemistry
Rioux, Jacques	Université de Montréal	Informatique et recherches opér.
Rioux, Josée	Université Laval	Education physique
Rivest, Chantal	University of British Columbia	Oceanography
Rizzi, John	McGill University	Biochemical Engineering
Ro, Athanasius	McGill University	Physiology
Roberge, André	University of British Columbia	Theoretical Physics
Roberge, Jacques	Université de Sherbrooke	Chimie
Roberto, Dominique	University of Ottawa	Chemistry
Roberts, Douglas	University of Western Ontario	Electrical Engineering
Roberts, Rachel	Memorial University	Mathematics
Robichaud, Michel	Université Laval	Génie chimique
Robidoux, Nicolas	Université de Montréal	Physique
Robinson, Alan	McGill University	Physics
Robinson, Kristina	University of Waterloo	Psychology
Robinson, Tracey	University of Guelph	Biology
Robson, Vanessa	University of British Columbia	Not Indicated - Non Indiqué

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Roch, Leo	McGill University	Physics
Roche, Mark	McMaster University	Biochemistry
Roe, Brent	University of Saskatchewan	Psychology
Rog, Stanley	Concordia University	Psychology
Rogal, Jo-Ann	Simon Fraser University	Psychology
Rogand, Mary	McMaster University	Biology
Rogers, Duncan	University of Toronto	Physics
Rohrauer, Gregor	Concordia University	Mechanical Engineering
Rosati, Dino	University of Toronto	Electrical Engineering
Roscoe, Robin	University of Guelph	Veterinary Medicine
Ross, Michael	McMaster University	Physics
Rossetto, Franco	McMaster University	Pharmacology
Rossier, Yves	Université de Montréal	Médecine vétérinaire
Routledge, Cheryl	University of New Brunswick	Computer Science
Roy, Anne	Université du Québec à Montréal	Biologie
Roy, Claude	Université de Montréal	Physique
Rozendaal, Betty	University of Waterloo	Geography
Rozon, Bradley	University of Waterloo	Mechanical Engineering
Rudie, Karen	Queen's University	Mathematics
Ruether, Joseph	University of Calgary	Biology
Rumball, Kevin	Queen's University	Kinesiology
Rutherford, Alexander	Queen's University	Physics
Rutka, Margaret	University of Toronto	Geology
Ryan, Aimee	University of Manitoba	Genetics
Ryks, Andrew	McMaster University	Metallurgy
Sabine, James	University of Waterloo	Engineering
Sabourin, André	Université de Montréal	Mathématiques
Salopek, David	University of Alberta	Physics
Samant, Sanjiv	Dalhousie University	Mathematics & Physics
Samson, Luc	Ecole Polytechnique	Génie physique
Sanders, Barry	University of Calgary	Mathematics
Sandys-Wunsch, Michael	Memorial University	Physics
Sarabura, Martin	McMaster University	Engineering Physics
Savan, Robert	McGill University	Computer Science
Savard, Pierre	Institut Armand-Frappier	Bactériologie
Savich, Julie	Wilfrid Laurier University	Psychology
Saville, Barry	University of Guelph	Plant Physiology
Sawchuk, James	University of Toronto	Computer Science
Saxe, Glenn	McGill University	Psychology
Scaffidi, Carmen	University of Ottawa	Communication Science
Scaman, Christine	University of British Columbia	Food Sciences
Schacherl, Myrna	University of Saskatchewan	Physics
Schade, Johanaes	University of Toronto	Metallurgical Engineering
Schaller, Michael	McMaster University	Biology
Schediwy, Richard	University of Calgary	Computer Science
Scheffler, Roxanne	University of Manitoba	Food Sciences
Schiefer, Klaus	University of Saskatchewan	Computer Science
Schmandt, Rosemarie	Laurentian University	Organic Chemistry
Schneider, Friederike	University of Manitoba	Zoology
Scholl, Timothy	University of Windsor	Physics
Schreiber, Martha	University of Ottawa	Food Sciences
Schweitzer, Ronald	University of Guelph	Veterinary Medicine
Scott, Edward	University of Windsor	Electrical Engineering
Scott, Ian	Simon Fraser University	Molecular Biology
Scott, John	University of Guelph	Biochemistry

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Scott, Ross	University of Alberta	Physical Chemistry
Scott, Robert	McMaster University	Nuclear Engineering
Sedighian, Kamran	Concordia University	Computer Engineering
Semmler, Robert	University of Western Ontario	Chemistry
Seyffarth, Karen	University of Regina	Mathematics
Shapter, Joseph	Memorial University	Chemistry
Sharma, Promod	University of Western Ontario	Statistics
Shevell, Steven	University of Waterloo	Engineering
Shinder, Gayle	McGill University	Biochemistry
Shipley, John	Bishop's University	Biology
Shook, David	University of Saskatchewan	Electrical Engineering
Shortt, Trevor	University of Toronto	Geology
Shrier, Anita	University of Western Ontario	Chemistry
Sicard, Pierre	Ecole Polytechnique	Génie électrique
Simard, Bruno	Centres INRS	Génie électrique
Simard, Jean-Robert	Ecole Polytechnique	Génie physique
Simard, Patrice	Ecole Polytechnique	Mathématiques
Simmons, Alexandra	McGill University	Chemistry
Simmons, John	Simon Fraser University	Physics
Simpson, Scott	University of Waterloo	Electrical Engineering
Sipos, John	Nova Scotia Agricultural College	Entomology
Smereka, Peter	University of British Columbia	Physics
Smieja, Marek	University of Western Ontario	Zoology
Smith, Arthur	Memorial University	Physics
Smith, Brian	University of Manitoba	Computer Science
Smith, Charles	University of New Brunswick	Physics
Smith, Graham	Carleton University	Chemistry
Smith, Heather	University of Toronto	Chemistry
Smith, Jennifer	Lakehead University	Geology
Smith, Karen	Queen's University	Psychology
Smith, Michael	University of Alberta	Computer Engineering
Smyth, William	University of Alberta	Plasma Physics
Smythe, James	Carleton University	Psychology
Snelgrove, Paul	Memorial University	Biology
Snyder, Ursula	Simon Fraser University	Physics
Solheim, Larry	University of Lethbridge	Theoretical Physics
Solomon, Peter	University of Guelph	Chemistry
Soo, Joanne	University of Calgary	Genetics
Sood, Alkesh	University of Toronto	Mechanical Engineering
Soto, Tina	University of Guelph	Zoology
Spadinger, Ingrid	University of Alberta	Engineering Physics
Spaner, Dean	University of Guelph	Crop Science
Spariosu, Kalin	McMaster University	Engineering Physics
Sparling, Bruce	University of Saskatchewan	Structural Engineering
Spinato, Maria	University of Guelph	Biology
Spiropoulos, Georgia	Concordia University	Chemistry
Spooner, Lynn	McGill University	Mining Engineering
Sprang, Geoffrey	University of Toronto	Biochemistry
Srokowski, Derek	University of Western Ontario	Chemistry
Stahl, Hubert	Laurentian University	Biology
Stam, Catherine	McMaster University	Biomedical Engineering
Stanford, Miriam	University of Calgary	Mathematics
Stanners, Colin	University of Toronto	Physical Chemistry
Starkman, Glenn	University of British Columbia	Physics
Steele, Alan	University of Toronto	Physics

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Steiman, Howard	University of Toronto	Biochemistry
Stein, James	University of Calgary	Civil Engineering
Stein, Michael	University of Manitoba	Physics
Sterling, Jon	University of Western Ontario	Astronomy
Stevens, Beverley	Concordia University	Biology
Stevens, Carol	University of British Columbia	Neurobiology
Stevenson, Thomas	University of British Columbia	Radio Astronomy
Stewart, Katherine	University of British Columbia	Zoology
Stewart, Robert	Queen's University	Psychology
Stieb, David	Queen's University	Chemistry
St-Jean Campofreda, G.	Université du Québec à Montréal	Chimie
Stocco, Rino	Université de Montréal	Microbiologie
Stone, Robert	McMaster University	Biomedical Engineering
Stone, Robert	University of Guelph	Physics
St-Pierre, Benoit	Université Laval	Microbiologie
Straker, Robert	University of Calgary	Physics
Strauss, Barry	University of Toronto	Physiology
Stringer, Vernon	Queen's University	Anatomy
Stuart, Terence	University of Victoria	Physics
Stubel, Mary	University of Winnipeg	Psychology
Sugamori, Mark	University of Toronto	Chemical Engineering
Sulmistras, Albert	McGill University	Mechanical Engineering
Sutherland, Carole	University of Winnipeg	Botany
Svazic, Mary	University of Toronto	Chemical Engineering
Swain, John	University of Toronto	Physics
Swain, Michael	Queen's University	Mathematics
Swallow, Stephen	University of Toronto	Psychology
Swanson, Eric	University of Waterloo	Applied Mathematics
Swanson, Glenn	Queen's University	Communication Science
Szarka, Michael	University of Waterloo	Physical Chemistry
Szugalew, Karl	Lakehead University	Experimental Psychology
Tabarah, Edward	McMaster University	Theoretical Physics
Tajbakhsh, Shahragim	Carleton University	Biology
Takahashi, Atsushi	University of Alberta	Physics
Tanguay, Lucie	University of Ottawa	Mathematics
Tanner, Martin	University of Alberta	Chemistry
Taylor, Carla	University of Manitoba	Food Sciences
Tectonidis, Milton	Bishop's University	Chemistry
Tennenhouse, Marsha	University of Manitoba	Computer Science
Terning, John	University of Alberta	Physics
Terzian, Haig	Ecole Polytechnique	Génie électrique
Tessier, Paul	Université de Sherbrooke	Génie chimique
Then, Alexander	University of Victoria	Neurobiology
Theriault, Yves	Université de Montréal	Chimie
Therrien, Pierre	Simon Fraser University	Physics
Thibaudeau, Yves	McGill University	Statistics
Thistle, Paul	University of Waterloo	Organic Chemistry
Thomas, Stephen	University of Waterloo	Applied Mathematics
Thompson, Margot	University of Toronto	Zoology
Thompson, Stuart	University of Alberta	Computer Science
Thomson, Janice	McMaster University	Civil Engineering
Thomson, John	University of British Columbia	Chemistry
Thorne, Susan	University of Toronto	Geology
Thurgood, Anna	Mount Saint Vincent University	Nutrition
Thurston, Elizabeth	University of Guelph	Bacteriology

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Tickle, Joan	Trent University	Mathematics
Tilsner, Heidy	University of British Columbia	Plant Science
Tjiang, Steven	University of Toronto	Computer Science
To, Cong	Concordia University	Mechanical Engineering
Tobin, Michelle	Univ. College of Cape Breton	Physical Chemistry
Todd, Dennis	University of Calgary	Physics
Tolic, Miro	University of Toronto	Genetics
Tom, Roger	University of British Columbia	Psychology
Toman, Ross	University of Waterloo	Mechanical Engineering
Tomar, Indu	Macdonald College	Microbiology
Tomchuk, Edward	University of British Columbia	Physics
Tomic, Stojna	University of British Columbia	Chemistry
Tomlinson, Audrey	McMaster University	Biochemistry
Toner, Michael	University of New Brunswick	Engineering
Toop, Gary	Trent University	Physics
Topinka, Janet	Brandon University	Resource Management
Toth, Csaba	University of Toronto	Computer Science
Tough, Suzanne	University of Calgary	Psychology
Tousignant, Michel	Université Laval	Génie mécanique
Toy, Martha	University of Guelph	Veterinary Pathology
Tramonti, Valentino	Concordia University	Chemistry
Tremblay, Alain	Université Laval	Génie électrique
Tremblay, Christine	Université Laval	Génie physique
Tremblay, Christine	Dalhousie University	Biology
Tremblay, Réal	University of Victoria	Physics
Trevisiol, Dennis	Laurentian University	Geology
Tribe, Donna	University of Alberta	Engineering
Trieu, Bang	McGill University	Structural Engineering
Triggs, Barbara	University of Manitoba	Microbiology
Trites, Lauri	Dalhousie University	Biology
Trudel, Linda	University of Ottawa	Chemistry
Trusler, Eugene	University of Toronto	Metallurgy
Tse, Man	Queen's University	Chemistry
Tse, Wai	University of Manitoba	Metallurgy
Tubman, James	University of Saskatchewan	Computer Science
Tucker, Jane	Queen's University	Crystallography
Tucker, Nancy	University of Windsor	Biology
Tucker, Susan	University of Windsor	Biology
Turenne, Sylvain	Ecole Polytechnique	Génie physique
Turner, Patricia	University of British Columbia	Organic Chemistry
Tyas, Suzanne	University of Guelph	Physiology
Tyers, Michael	McMaster University	Biochemistry
Uffen, Donald	University of Toronto	Aerospace Engineering Science
Ulan, Judith	University of Alberta	Chemistry
Unrau, Ronald	University of Alberta	Computer Engineering
Urbanowicz, Alexandra	University of Western Ontario	Psychology
Ure, Barbara	University of Windsor	Mathematics
Van Coeverden de Groot, M	University of Toronto	Mathematics
Van de Vegte, Joyce	University of Toronto	Electrical Engineering
Van Esbroeck, Paul	University of Victoria	Physics
Van Kooten, Richard	University of Toronto	Nuclear Physics
Van Schendel, Nicolas	Université de Montréal	Psychologie
Vanderburgh, Daryl	University of Guelph	Parasitology
Vangoch, Michiel	University of Waterloo	Mathematics

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Vaughan, Margaret-Anne	Dalhousie University	Chemistry
Veenendaal, Gus	University of Manitoba	Computer Science
Veilleux, Lorraine	York University	Physics
Veilleux, Sylvain	Université de Montréal	Physique
Verlaan, Theodore	Macdonald College	Agricultural Engineering
Vernon, Andrew	Carleton University	Computer Engineering
Verschuren, Rex	Trent University	Chemistry
Villeneuve, Gérald	Université de Sherbrooke	Chimie
Vink, Bernadette	Macdonald College	Microbiology
Vogan, John	University of Waterloo	Earth Sciences
Vojnovic, Olga	University of Windsor	Experimental Psychology
Vosko, Judith	University of Toronto	Biomedical Engineering
Voutt, Robert	University of Waterloo	Applied Mathematics
Vrlak, Ann	University of British Columbia	Psychology
Vu, Ngoc	Concordia University	Mechanical Engineering
Vukojevic, Branko	McMaster University	Mathematics
Wade, Gwen	McMaster University	Chemistry
Wade, Neil	Dalhousie University	Embryology
Wagar, David	University of Guelph	Biological Science
Wagner, Brian	Dalhousie University	Chemistry
Wai, Jason	University of Toronto	Electrical Engineering
Wai-Ping, Virginia	York University	Biology
Wake, Cameron	University of Ottawa	Geology
Walkiewicz, Barry	York University	Physiology
Walter, Michael	University of Guelph	Botany
Walter, Phillip	Simon Fraser University	Biochemistry
Walton, Anne	University of New Brunswick	Engineering
Wang, Chiayeng	University of Manitoba	Microbiology
Wang, David	University of Saskatchewan	Engineering Physics
Warnke, Claudia	University of Waterloo	Microbiology
Warren, Steve	Memorial University	Electronics & Elect. Eng.
Wasserman, Larry	University of Toronto	Statistics
Watson, Nancy	University of Guelph	Pharmacology
Watt, Elizabeth	University of Toronto	Zoology
Watt, Jeffrey	University of Calgary	Electrical Engineering
Watton, John	Tech. University of Nova Scotia	Applied Mathematics
Waugh, Bradley	University of British Columbia	Astronomy
Webb, Donald	McGill University	Marine Ecology
Webber, Eric	University of British Columbia	Chemistry
Webster, Teresa	University of Ottawa	Biology
Wee, Pamela	University of Toronto	Geology
Wees, David	Macdonald College	Plant Science
Weingartshofer, Andre	McMaster University	Physics
Weinlander, Eva	Queen's University	Biology
Wells, Derek	University of Calgary	Physics
Wellsch, Kenneth	University of Regina	Computing & Mathematics
Wenaus, Torre	University of Toronto	Physics
Weninger, Jane	University of British Columbia	Geography
Werker, Alan	University of Waterloo	Mechanical Engineering
Werner, Mark	McMaster University	Mechanical Engineering
Wesson, Karen	University of British Columbia	Psychology
West, Robert	Brandon University	Computer Science
Wheeler, Kim	University of Saskatchewan	Engineering Physics
Whelan, Bernadette	University of British Columbia	Chemistry
White, Jonathon	McMaster University	Engineering

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
White, John	University of Waterloo	Physics
White, Paul	Queen's University	Computer Science
Whynot, Tim	University of New Brunswick	Forestry
Wicki, Helen	Concordia University	Biology
Wickstrom, Wendy	University of Western Ontario	Chemistry
Wiggett, Darwin	University of Alberta	Zoology
Wild, Gillian	Simon Fraser University	Biology
Williams, Bruce	York University	Chemistry
Williams, Brenda	Brandon University	Genetics
Williams, Daniel	University of British Columbia	Physics
Williams, Edward	Mount Allison University	Astronomy
Williams, Timothy	University of Toronto	Botany
Williamson, Carey	University of Saskatchewan	Computer Science
Williamson, Nancy	University of Toronto	Psychology
Wills, Lee	Carleton University	Psychology
Willson, Jennifer	University of Guelph	Organic Chemistry
Wilson, Christine	Saint Mary's University	Astronomy
Wilson, Dianne	University of New Brunswick	Psychology
Wilson, Heather	University of Toronto	Psychology
Wilson, Margaret	University of Guelph	Bacteriology
Wilson, Paula	York University	Biology
Wilson, Wendy	McMaster University	Experimental Psychology
Wiltzen, Hugh	University of Alberta	Mechanical Engineering
Winkelman, Anne	University of Guelph	Animal Science
Wiseberg, Eric	University of Toronto	Engineering
Wishart, David	University of Alberta	Nuclear Physics
Witkowicz, Linda	University of Saskatchewan	Computer Science
Wojtak, Susan	University of Windsor	Microbiology
Wolfe, Barbara	University of Guelph	Biological Science
Wong, Annie	University of Alberta	Microbiology
Wong, Christopher	University of British Columbia	Molecular Biology
Wong, David	University of Western Ontario	Chemistry
Wong, Gladys	University of British Columbia	Computer Science
Wong, Hung-Keung	York University	Physics
Wong, Henry	University of British Columbia	Chemistry
Wong, Howard	University of Western Ontario	Genetics
Wong, John	Simon Fraser University	Chemical Physics
Wong, Maria	University of Toronto	Chemistry
Wong, Patrick	University of British Columbia	Microbiology
Wood, Elizabeth	University of Victoria	Biochemistry
Wood, Patricia	Wilfrid Laurier University	Plant Physiology
Woodcock, Bruce	McMaster University	Engineering Physics
Woodley, David	University of Victoria	Embryology
Woods, John	University of Guelph	Microbiology & Immunology
Woolfe, Cori	University of Guelph	Genetics
Workman, Donald	University of Waterloo	Chemistry
Wright, Geoffrey	University of New Brunswick	Surveying Engineering
Wright, Michael	Lakehead University	Computer Science
Wybenga, Carolyn	University of Guelph	Clinical Studies
Yack, Jayne	Carleton University	Psychology
Yeatman, Eric	Dalhousie University	Mechanical Engineering
Yee, John	McGill University	Physiology
Yeomans, Fred	University of New Brunswick	Physics
Yeung, Wai	University of Manitoba	Geophysics
Yeyvin, Arkady	Concordia University	Computer Engineering

6.1 University Undergraduate Summer Research Awards (continued)/ Bourses de recherche d'été (1er cycle) en milieu universitaire (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Yip, Gordon	University of Alberta	Computer Engineering
Yonge, Katharine	York University	Parasitology
Youden, James	Memorial University	Physics
Young, Joanne	Trent University	Biology
Young, Jennifer	McGill University	Psychology
Young, Kent	Dalhousie University	Organic Chemistry
Young, Scott	Brandon University	Parasitology
Yu, Yan	University of Toronto	Mechanical Engineering
Yuen, Jeanne	McGill University	Computer Science
Yukich, Dori	McMaster University	Psychology
Yushchyshyn, James	University of Alberta	Chemical Engineering
Zahn, Michael	University of Manitoba	Mechanical Engineering
Zajac, Michael	University of Guelph	Clinical Studies
Zalass, John	Concordia University	Mechanical Engineering
Zdyb, Michael	McGill University	Psychology
Zelt, Brian	University of Alberta	Mechanical Engineering
Zeman, Janice	Acadia University	Psychology
Zettel, Mary	University of Waterloo	Mathematics
Zierer, Tita	York University	Psychology
Zimmerman, Bruria	University of British Columbia	Psychology

6.2 Postgraduate Scholarships / Bourses d'études supérieures

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Aalhus, Jennifer	University of Alberta	Animal Science
Aalto, Soren	University of British Columbia	Mathematics
Abergel, Denis	McGill University	Structural Engineering
Aboussouan, Patrick	McGill University	Electrical Engineering
Abrahams, Mark	Simon Fraser University	Zoology
Abrahamson, John	University of Guelph	Molecular Biology
Abrham, Alena	University of Toronto	Computer Science
Acorn, John	University of Alberta	Vertebrate Palaeontology
Adam, Alan	University of Waterloo	Physics
Adam, Jeanne	McGill University	Statistics
Adams, Jeffrey	University of Guelph	Experimental Psychology
Addy, Heather	University of Alberta	Physiology
Adra, Chaker	University of Ottawa	Biology
Afeyan, Noubar	United States	Chemical Engineering
Ahier, David	University of Toronto	Mechanical Engineering
Ahmad, Seema	United States	Mathematics
Ahmed, Abul	Concordia University	Mechanical Engineering
Aitken, Alec	McMaster University	Oceanography
Aker, Pamela	Carleton University	Chemistry
Akerman, Beverly	McGill University	Genetics
Akey, William	University of Guelph	Plant Science
Alai, Mehrshid	Concordia University	Organic Chemistry
Alarie, Yves	Univ. du Québec à Trois-Rivières	Sciences de l'environnement
Alex, Randy	Simon Fraser University	Chemistry
Alexander, Ken	Dalhousie University	Environmental Sciences
Alhimyary, Thair	University of Calgary	Mechanical Engineering
Allaire, François	Université de Montréal	Chimie
Allan, Bruce	University of Alberta	Animal Science
Allard, Guy	Université Laval	Génétique
Allard, Martine-Henrie	Université Laval	Zoologie
Allen, David	University of Waterloo	Biomedical Engineering
Allen, Raymond	University of Toronto	Electrical Engineering
Allen, Scott	McMaster University	Experimental Psychology
Allison, Bruce	McMaster University	Engineering
Allsop, Peter	University of Waterloo	Biochemical Engineering
Allwright, William	Saint Mary's University	Astronomy
Altintas, Yusuf	McMaster University	Mechanical Engineering
Amm, David	Queen's University	Physics
Ammar, Mostafa	University of Waterloo	Systems & Control Engineering
Amos, Kenneth	University of New Brunswick	Civil Engineering
Ampleford, Elizabeth	York University	Zoology
Amrud, Kim	Carleton University	Mechanical Engineering
Anderson, Karen	McGill University	Mechanical Engineering
Andrew, Anne	University of British Columbia	Geology
Andriamanjay, Eric	Macdonald College	Agriculture
Angers, Denis	University of Guelph	Pedology
Angers, Jean-François	United States	Statistics
Anglin, Carolyn	Memorial University	Earth Sciences
Anholt, Bradley	University of British Columbia	Marine Science
Antolak, John	University of Alberta	Aerospace Engineering Science
Antolin, Stanislav	United States	Metallurgy
Antonuk, Caroline	University of New Brunswick	Geology
Apkarian, Agop	University of Toronto	Systems & Control Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Archibald, Colin	University of British Columbia	Engineering
Ardouin, Jean-Pierre	University of Toronto	Electrical Engineering
Arsenault, Charles	Ecole Polytechnique	Physique
Arsenault, Gilles	University of Guelph	Organic Chemistry
Arsenault, Robin	Université Laval	Physique et astrophysique
Arts, Wilhelmina	University of Toronto	Structural Engineering
Asselin, Judith	Université de Sherbrooke	Physiologie
Attardo, Giorgio	McGill University	Physical Chemistry
Auclair, Gerard	Ecole Polytechnique	Science de l'informatique
Aucoin, Jean	Université Laval	Psychologie expérimentale
Audet, Daniel	McGill University	Nuclear Physics
Audy, Patrice	Université Laval	Virologie
Ayer, Stephen	University of British Columbia	Chemistry
Aylward, Carolyn	University of Waterloo	Mathematics
Ayotte, Renald	University of Guelph	Genetics
Baas, Janmari	University of Waterloo	Physical Chemistry
Babin, François	Ecole Polytechnique	Astronomie
Badreldin, Amira	University of Windsor	Electrical Engineering
Bagnariol, Dino	McMaster University	Structural Engineering
Bahlis, Jihad	McGill University	Civil Engineering
Bailey, Robert	University of Western Ontario	Marine Ecology
Baker, Murray	University of Toronto	Mathematics
Baldock, Jeffrey	University of Guelph	Soil Science
Baleja, James	University of Manitoba	Molecular Biology
Baleshta, Mary	University of Waterloo	Kinesiology
Banci, Vivian	Simon Fraser University	Wildlife Biology
Baracos, Paul	McGill University	Operational Research (Physics)
Barber, James	United States	Physics
Barber, Paul	Queen's University	Experimental Psychology
Barby, James	University of Waterloo	Electrical Engineering
Bardwell, James	United States	Genetics
Baribeau, Johanne	Univ. du Québec à Trois-Rivières	Biophysique
Baribeau, Line	Université Laval	Mathématiques
Barillari, Domenico	University of Toronto	Chemical Engineering
Barlow, John	University of Alberta	Civil Engineering
Barnett, Carol	United States	Horticulture
Barr, Alan	University of Guelph	Meteorology
Barry, Douglas	McGill University	Mechanical Engineering
Barry, Dean	University of Guelph	Soil Science
Barry, Richard	Université Laval	Foresterie et génie civil
Barton, Michael	McGill University	Aeronautical Engineering
Bastien, Serge	Macdonald College	Agriculture
Bateman, Philip	University of Western Ontario	Geology
Bauer, Bernard	United States	Geography
Baugh, Christine	University of Saskatchewan	Virology
Bawden, Kathy	Queen's University	Engineering
Baydack, Richard	United States	Resource Management
Bayer, Betty	Carleton University	Experimental Psychology
Bayly, Christopher	Université de Sherbrooke	Chimie organique
Bazely, Dawn	University of Toronto	Plant Ecology
Bazin, Claude	Université Laval	Génie minier
Beame, Paul	University of Toronto	Mathematics
Beattie, Donald	University of New Brunswick	Marine Ecology
Beattie, Michael	University of New Brunswick	Marine Science

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Beauchamp, Benoit	University of Calgary	Geology
Beauchemin, Diane	Université de Montréal	Chimie
Beauchemin, Karen	University of Guelph	Dairy Science
Beaudin, Michel	Université de Montréal	Mathématiques
Beaudoin, Alain	Ecole Polytechnique	Géologie
Beaudoin, Gilles	Ecole Polytechnique	Génie mécanique
Beaudry, Martin	McGill University	Theoretical Physics
Beaulieu, Carole	Université Laval	Physiologie
Beaulieu, Guylaine	Université de Montréal	Biologie
Beaulieu, Jean-Marc	Université de Montréal	Physique
Beaulieu, Nicole	McGill University	Experimental Psychology
Beaulieu, Norman	University of British Columbia	Electrical Engineering
Beavis, Ronald	University of Manitoba	Biophysics
Beck, Brenda	University of Calgary	Structural Engineering
Beck, Cindy	University of Waterloo	Electrical Engineering
Beck, Douglas	United States	Nuclear Physics
Becker, Suzanna	Queen's University	Computer Science
Begin, Daniel	Université de Sherbrooke	Géographie
Bélair, Luc	United States	Mathematics
Béland, Michel	University of Ottawa	Civil Engineering
Bélanger, Alain	Université de Sherbrooke	Mathématiques
Belanger, France	Université Laval	Agronomie
Bélanger, Jacques	Université de Sherbrooke	Biologie
Belanger, Michel	McGill University	Electrical Engineering
Bélanger, Marc	University of Waterloo	Kinesiology
Bélisle, Claude	Université Laval	Physique
Belisle, Denis	University of Ottawa	Experimental Psychology
Béliveau, Alain	United States	Physics
Bell, Ian	University of Ottawa	Experimental Psychology
Bell, Lee-Jeff	Queen's University	Mathematics & Computer Science
Bell, Rhonda	University of Waterloo	Biology
Belleville, Sylvie	McGill University	Experimental Psychology
Belley, Michel	Université Laval	Chimie organique
Bello, Carmine	University of Toronto	Food Sciences
Belzile, Nelson	Université du Québec à Rimouski	Océanographie
Ben-El-Mechaiekh, Hichem	Université de Montréal	Mathématiques
Benfey, Tillmann	Memorial University	Marine Science
Bennett, Janice	Concordia University	Chemistry
Bennett, Karen	Simon Fraser University	Resource Management
Benson, Neil	University of British Columbia	Plant Pathology
Beraldin, Jean-Angelo	University of Ottawa	Electrical Engineering
Bérard, Michel	Université du Québec à Montréal	Psychologie expérimentale
Berdan, Robert	United States	Biology
Berends, Randolph	University of Windsor	Physics
Berger, Lloyd	Dalhousie University	Biology
Bergeron, Roger	Université Laval	Agronomie
Bergevin, Kevin	University of Saskatchewan	Chemical Engineering
Bergevin, Robert	Ecole Polytechnique	Génie biomédical
Bergman, Katherine	McMaster University	Palaeontology
Bergsma, John	United States	Chemistry
Bernard, Diane	University of Ottawa	Experimental Psychology
Bernardi, Dave	McGill University	Engineering
Bernier, François	Université Laval	Biochimie
Bernier, Pierre	Université Laval	Géochimie et minéralogie
Berry, Gregory	University of Alberta	Forestry

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Berseth, Wesley	York University	Zoology
Berteau, Beverly	University of Alberta	Forestry
Bertrand, Léonard	United States	Systems Engineering
Bertrand, Lorne	Carleton University	Experimental Psychology
Bérubé, Jean	Ecole Polytechnique	Sciences des communications
Bérubé, Michel	Macdonald College	Marine Ecology
Bérubé, Gervais	Université de Sherbrooke	Chimie organique
Beznaczuk, Lesia	Concordia University	Engineering
Bhella, Resham	University of Ottawa	Microbiology
Bhimji, Mehboob	University of Toronto	Systems & Control Engineering
Bibeau, Lucie	Université de Montréal	Recherches opérationnelles
Bieman-Copland, Sherrie	University of Waterloo	Experimental Psychology
Bietenholz, Michael	University of Toronto	Physics & Astrophysics
Bigras, Patrice	Université de Sherbrooke	Géographie
Bilodeau, Bernard	McGill University	Meteorology
Bilodeau, Martin	University of Toronto	Statistics
Birch, Gary	University of British Columbia	Electrical Engineering
Bird, David	McGill University	Zoology
Birt, Timothy	Memorial University	Ornithology
Black, Geoffrey	University of Guelph	Parasitology
Blackburn, James	University of British Columbia	Biology
Bladon, Trevor	Carleton University	Biology
Blais, François	Université Laval	Génie électrique
Blais, Martine	Université Laval	Pathologie végétale
Blanchard, John	Tech. University of Nova Scotia	Food Sciences
Blasutta, Hugo	University of Toronto	Structural Engineering
Bleau, Raymond	Université de Sherbrooke	Génie civil
Boag, Alexander	University of Toronto	Biomedical Engineering
Bobrowsky, Peter	University of Alberta	Geology
Boer, Douglas	University of Alberta	Experimental Psychology
Boerner, David	University of Toronto	Geophysics
Boileau, Alain	Université de Montréal	Physique des plasmas
Bois, Bernard	University of Toronto	Physics
Boisclair, Daniel	McGill University	Fisheries
Boisclair, Yves	University of Guelph	Physiology
Boisvert, André	Université Laval	Agriculture
Boisvert, Julie	University of British Columbia	Mechanical Engineering
Boisvert, Line	Université de Sherbrooke	Chimie organique
Boivin, Claire	Université Laval	Horticulture
Boivin, Daniel	University of Toronto	Mathematics
Bombera, Antonin	McMaster University	Electrical Engineering
Bonn, Douglas	McMaster University	Physics
Bonner, Anthony	Rutgers University	Artificial Intelligence
Booth, James	University of British Columbia	Physics
Bose, Christopher	University of Toronto	Mathematics
Bostock, Russell	University of Manitoba	Computer Science
Botros, Mona	United States	Geology
Bouchard, Francine	University of Ottawa	Chemistry
Bouchard, Jean-Claude	McGill University	Computer Science
Boudreau, Gary	Queen's University	Electrical Engineering
Boudreau, Janice	Université de Sherbrooke	Physiologie
Bourgoin, Bernard	McMaster University	Geology
Bourret, Jacques	Université du Québec à Montréal	Mathématiques
Bowden, John	University of Toronto	Metallurgy
Bowden, Robert	University of Toronto	Geological Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Bowen, Patricia	United States	Horticulture
Bowerman, Joy	University of Toronto	Biology
Bowers, Christopher	University of Toronto	Material Science
Bowler, Bruce	United States	Chemistry
Bowman, Mark	University of Guelph	Animal Science
Boychuk, Dennis	University of Toronto	Operation Research
Boyd, Daniel	McGill University	Mechanical Engineering
Boyd, Sylvia	University of Waterloo	Mathematics
Boyd, Stephen	University of Toronto	Forestry
Boyle, Sheila	Queen's University	Plant Science & Biochemistry
Bradley, Fred	University of British Columbia	Engineering
Bradley, Robert	University of Toronto	Mathematics
Braidwood, Brian	University of Alberta	Forestry
Brandl, Michael	University of Toronto	Organic Chemistry
Brandts, Wendy	University of Toronto	Physics
Braun, Peter	University of Guelph	Plant Pathology
Bregman, Nina	University of Toronto	Theoretical Physics
Bres, Odd	University of Manitoba	Zoology
Breton, Sylvie	Université de Montréal	Biophysique
Brewer, Edward	University of Windsor	Nuclear Physics
Briand, Kevin	Dalhousie University	Experimental Psychology
Bricault, Pierre	Université Laval	Physique nucléaire
Bridges, Greg	University of Manitoba	Engineering
Brierley, William	McGill University	Mathematics
Brigham, Margaret	University of Western Ontario	Experimental Psychology
Brisson, Josée	Université de Montréal	Chimie
Brisson, Louise	Concordia University	Biology
Britten, David	Queen's University	Mechanical Engineering
Britten, Michel	Université Laval	Chimie physique
Broadhead, Taras	McMaster University	Chemical Engineering
Brobeck, Christopher	University of Toronto	Applied Mathematics
Brochu, Gaëtan	McGill University	Chemistry
Brochu, Lise	Université de Sherbrooke	Ecologie de la Terre
Brodeur, Jean	Université Laval	Géographie
Brodland, Wayne	University of Manitoba	Biomedical Engineering
Brodsky, Lynn	Queen's University	Zoology
Bronsard, Lia	University of Toronto	Mathematics
Bronstein, David	United States	Experimental Psychology
Brooker, Peter	United States	Physics
Brophy, Sean	Carleton University	Communication Science
Brouillard, Michel	Université de Montréal	Biologie
Brown, Douglas	McMaster University	Biology
Brown, David	Macdonald College	Environmental Sciences
Brown, Edward	University of Toronto	Computer Science
Brown, Gerald	McMaster University	Systems & Control Engineering
Brown, Jonathan	University of Waterloo	Mechanical Engineering
Brownlie, Leonard	Simon Fraser University	Biology
Bruce, Douglas	Simon Fraser University	Biology
Brulé, Danielle	Université Laval	Nutrition
Brullemans, Marc	Univ. du Québec à Trois-Rivières	Biophysique
Brulotte, Michel	Concordia University	Structural Engineering
Brun, Yves	Université de Moncton	Biochimie
Brunelle, Josée	Macdonald College	Environmental Sciences
Bruulsema, Thomas	University of Guelph	Agriculture
Buba, Brenda	University of Alberta	Microbiology

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Buchbinder, Myriam	Concordia University	Electrical Engineering
Buhariwala, Kerman	University of Toronto	Engineering
Buican, Tudor	University of British Columbia	Biophysics
Buist, Richard	McMaster University	Chemistry
Buithieu, Jeanne	Ecole Polytechnique	Génie électrique
Bult, Timothy	University of British Columbia	Artificial Intelligence
Bumbaca, Federico	University of Toronto	Electrical Engineering
Bunch, Laurie	University of Western Ontario	Physics
Burbidge, Douglas	University of British Columbia	Physics
Burczyk, Andrew	University of Waterloo	Chemical Engineering
Burega, Paul	University of Manitoba	Computer Science
Burek, Dwayne	University of Manitoba	Electrical Engineering
Burgess, Alison	United States	Organic Chemistry
Burgess, Clifford	United States	Physics
Burke, Catherine	Indiana University	Experimental Psychology
Burke, Daniel	United States	Genetics
Burke, Maxim	University of Toronto	Mathematics
Burke, Nicholas	McMaster University	Chemistry
Burn, Donald	University of Waterloo	Engineering
Burnside, Barbara	University of Victoria	Experimental Psychology
Burtch, Steven	Cornell University	Geology
Busch, Allan	University of Toronto	Physics
Butler, Stephen	University of Ottawa	Experimental Psychology
Butson, Lynn	University of Waterloo	Experimental Psychology
Byers, Gerald	United States	Soil Science
Calancie, Blair	Simon Fraser University	Kinesiology
Calder, Lynn	University of Waterloo	Civil Engineering
Caldwell, Curtis	McGill University	Physics
Caldwell, Graham	Simon Fraser University	Kinesiology
Cameron, Alan	Queen's University	Chemistry
Cameron, Helen	University of Manitoba	Computer Science
Campbell, Barbara	University of Waterloo	Engineering
Campbell, Christine	University of Alberta	Zoology
Campbell, Chipman	University of Toronto	Nuclear Physics
Campbell, Jamie	University of Waterloo	Experimental Psychology
Campbell, Lyle	University of Toronto	Theoretical Physics
Campbell, Roderick	University of Toronto	Theoretical Physics
Campbell, Shelagh	University of Guelph	Genetics
Campeau, John	McMaster University	Plasma Physics
Campeau, Norbert	McGill University	Physics
Cardinal, Guy	Université de Montréal	Chimie
Cargill, Susan	University of Toronto	Agriculture
Carlacci, Franco	Concordia University	Computer Science
Carlisle, Sara	University of Guelph	Soil Science
Caron, Edith	Univ. du Québec à Trois-Rivières	Sciences de l'environnement
Carrier, Denis	Univ. du Québec à Trois-Rivières	Physique
Carrier, Danielle	Université Laval	Chimie
Carson, Christopher	University of Manitoba	Computer Science
Carson, Michael	United States	Genetics
Carswell, Allan	University of Manitoba	Geophysics
Carvalho, Jose	University of Toronto	Geological Engineering
Casperson, David	University of Waterloo	Mathematics
Cass, Kathryn	Carleton University	Experimental Psychology
Castonguay, Martin	United States	Ichthyology & Herpetology
Cater, Stephen	University of Guelph	Chemistry

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Caughlin, Brenda	University of British Columbia	Chemistry
Cave, Thomas	University of Toronto	Astronomy
Cavell, Patricia	University of Alberta	Geochemistry & Mineralogy
Celliers, Peter	University of British Columbia	Physics
Cerruti, Louis	University of Toronto	Structural Engineering
Chabot, Denis	University of Calgary	Biology
Chabot, Raymond	Université Laval	Ecologie marine
Chafe, Mary	Memorial University	Computer Science
Chalifour, François-Phil	University of Saskatchewan	Plant Physiology
Chamberland, Guy	University of Alberta	Chemistry
Champagne, Benoit	Université de Montréal	Physique et mathématiques
Chan, Leo	United States	Mechanical Engineering
Chan, Linda	University of British Columbia	Computer Science
Chao, Ema	University of Saskatchewan	Botany
Chapleau, Suzanne	Université de Montréal	Science de l'informatique
Chapman, Colin	University of Alberta	Zoology
Chapman, Kevin	University of Waterloo	Electrical Engineering
Charbonneau, Guy	University of Waterloo	Chemistry
Charbonneau, Sylvain	University of Ottawa	Physics
Charest, Nicole	Germany	Plant Ecology
Charest, Pierre	Université Laval	Microbiologie
Charlton, David	University of Guelph	Environmental Sciences
Charters, Robert	University of Victoria	Geophysics
Chauvette, Gaetan	Université de Sherbrooke	Chimie
Chayet, Maurice	McGill University	Mathematics
Cheadle, Burns	University of Western Ontario	Earth Sciences
Cheesman, James	University of Waterloo	Experimental Psychology
Cheng, Peter	University of Toronto	Organic Chemistry
Cheng, William	University of Waterloo	Organic Chemistry
Chesshire, Geoffrey	United States	Applied Mathematics
Cheung, Betty	University of Toronto	Engineering
Cheung, Wai-To	McMaster University	Civil Engineering
Chevalier-Vanderleck, V.	Concordia University	Experimental Psychology
Chevrier, Andrew	University of British Columbia	Geological Engineering
Chiasson, Alyre	University of British Columbia	Zoology
Chidiac, Samir	McMaster University	Structural Engineering
Chipperfield, Randall	United States	Chemistry
Chiu, David	University of Waterloo	Systems Engineering
Chiu, Frank	University of British Columbia	Electrical Engineering
Cholakis, Cynthia	University of Toronto	Engineering
Choptuik, Matthew	University of British Columbia	Theoretical Physics
Choquette, Jean	Université de Montréal	Science de l'informatique
Chouinard, Luc	United States	Civil Engineering
Chouinard, Paul	University of Saskatchewan	Physics
Chow, Edmond	United States	Mathematics
Chow, Nancy	Memorial University	Geology
Chow, William	McMaster University	Engineering
Chu, Kenneth	University of Toronto	Chemical Engineering
Chu, Wing	University of Toronto	Engineering
Chu, Wing	University of Toronto	Structural Engineering
Chui, Eddy	University of Alberta	Mechanical Engineering
Church, Terrence	Queen's University	Computer Science
Churchard, Peter	University of Toronto	Physics & Mathematics
Churchill, Lorne	University of Victoria	Physics
Ciplijauskas, Rimas	University of Toronto	Chemical Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Clas, Sophie	McGill University	Polymer Chemistry
Cleve, Richard	University of Waterloo	Mathematics
Cleyle, Peter	Tech. University of Nova Scotia	Engineering
Cloutier, Jean-François	McGill University	Computer Science
Cloutier, Richard	Université de Montréal	Sciences biologiques
Cockburn, Bruce	University of Waterloo	Computing & Mathematics
Cockburn, Sally	Queen's University	Mathematics
Coderre, Terence	McGill University	Experimental Psychology
Cogan, Patricia	McGill University	Chemistry
Coghlan, Jennifer	University of New Brunswick	Physiology
Cohen, S. Robin	McGill University	Experimental Psychology
Cole, Gordon	Simon Fraser University	Experimental Psychology
Cole, Roy	Carleton University	Biochemistry
Coleman, Patrick	University of British Columbia	Civil Engineering
Colle, Lois	Concordia University	Experimental Psychology
Collin, Jean	Université Laval	Phytotechnie
Collinson, Karen	University of Alberta	Microbiology
Colpitts, Bruce	University of New Brunswick	Electrical Engineering
Colpitts, Donald	University of Calgary	Electrical Engineering
Coniglio, Mario	Memorial University	Geology
Conlon, Ronald	McGill University	Biology
Conrod, Lorena	Tech. University of Nova Scotia	Operation Research (Math)
Conway, Adrian	University of Ottawa	Electrical Engineering
Cook, Daniel	University of Guelph	Civil Engineering
Cook, Hugh	University of Waterloo	Civil Engineering
Coombes, J. Michael	McMaster University	Theoretical Physics
Cooper, Steven	University of Toronto	Systems Engineering
Cooper, Terence	Concordia University	Experimental Psychology
Copeland, Catherine	University of Waterloo	Organic Chemistry
Corbett, Peter	University of Waterloo	Electrical Engineering
Corbett, Rachel	University of Calgary	Environmental Sciences
Cormack, Julie	University of Alberta	Anthropology
Cormier, Pierre	United States	Experimental Psychology
Corneau, Yoland	Université de Montréal	Mathématiques
Corns, Robert	University of Manitoba	Theoretical Physics
Corradini, Angela	Carleton University	Experimental Psychology
Corriveau, Jean-Pierre	University of Ottawa	Computer Science
Corriveau, Michel	McGill University	Systems Engineering
Cotaras, Frederick	United States	Electrical Engineering
Côté, Benoît	Université Laval	Physiologie végétale
Coté, Céline	University of Ottawa	Experimental Psychology
Cote, Claude	Centres INRS	Physique et astrophysique
Côté, Christian	University of Victoria	Organic Chemistry
Coté, Dominique	Centres INRS	Energie
Coughlin, Katie	United States	Theoretical Physics
Couillard, Yves	Université de Montréal	Biologie
Courchesne, François	Université de Montréal	Sciences de la terre
Court, Gordon	University of Alberta	Zoology
Courteau, Raymond	Ecole Polytechnique	Génie électrique
Courtenay, Simon	University of British Columbia	Fisheries
Couture, Benoit	Ecole Polytechnique	Génie géologique
Couture, Christiane	University of Toronto	Chemistry
Couture, Jean	Université Laval	Physique et astrophysique
Covello, Patrick	University of Waterloo	Chemistry
Cox, David	University of Western Ontario	Material Science

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Craft, Neil	McGill University	Engineering
Craig, Donald	Tech. University of Nova Scotia	Metallurgy
Crandles, David	University of Ottawa	Physics
Crawford, Andy	Queen's University	Chemistry
Creagh, Aimee	United States	Engineering
Creasey, David	University of Manitoba	Genetics
Crocker, Alan	University of Manitoba	Computer Science
Crocker, Neil	McMaster University	Nuclear Engineering
Crocker, Peter	University of Alberta	Kinesiology
Crooks, Valerie	University of Western Ontario	Geological Engineering
Crouch, Thomas	University of Toronto	Upper Atmosphere Physics
Crouse, James	Tech. University of Nova Scotia	Electrical Engineering
Crowe, Nancy	University of Guelph	Food Sciences
Cruvellier, Mark	McGill University	Structural Engineering
Cupples, Claire	York University	Molecular Biology
Cushon, Geoffrey	University of British Columbia	Forestry
Cushon, James	University of Waterloo	Engineering
Czapor, Stephen	University of Waterloo	Applied Mathematics
Da Rocha, Andrea	University of Alberta	Plant Pathology
Da Vitoria Lobo, Niels	University of Toronto	Artificial Intelligence
Dagenais, Danielle	Ecole Polytechnique	Horticulture
Dagenais, Michel	McGill University	Electrical Engineering
Dagher, Alain	McGill University	Biomedical Engineering
Daigle, Daniel	McGill University	Mathematics
Daigneault, Luce	Macdonald College	Horticulture
Daigneault, Louis	University of Ottawa	Chemical Engineering
Daigneault, Robert-André	Université du Québec à Montréal	Sciences de la terre
Dale, James	Dalhousie University	Biology
D'Amour, Alain	University of Ottawa	Mathematics
Dancho, Stephen	University of British Columbia	Physical Chemistry
Danielson, Laurie	University of Waterloo	Chemistry
Darling, Graham	University of Ottawa	Polymer Chemistry
Darling, Warren	University of Western Ontario	Physiology
Darlington, Gerarda	University of Guelph	Statistics
David, Daniel	Université de Montréal	Physique et mathématiques
Davidson, James	Australia	Mineral Engineering
Davidson, Philippe	Université de Montréal	Génie des structures
Davidson, Roberta	University of British Columbia	Genetics
Davies, Robert	Acadia University	Plant Science
Davies, Stephen	University of New Brunswick	Electrical Engineering
Davis, Arthur	University of Guelph	Apiculture
Davis, Gillian	University of Manitoba	Agriculture
Davis, James	University of Toronto	Aerospace Engineering Science
Davison, Nichola	University of Toronto	Geology
Dawe, David	University of Waterloo	Computer Science
Dawson, Michael	University of Western Ontario	Experimental Psychology
Day, Kristin	University of Guelph	Biology
De, Mitali	University of Waterloo	Engineering
De Bruyn, John	University of British Columbia	Physics
De Kee, Sonja	University of Windsor	Statistics
De Lafontaine, Yves	McGill University	Biology
De Vernal, Anne	Université de Montréal	Géographie
De Wilton, Angela	Carleton University	Chemistry
Dean, James	Carleton University	Computer Science

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Debly, Majid	University of British Columbia	Civil Engineering
Décarie, Robert	Université du Québec à Montréal	Sciences de l'environnement
Deering, Stephen	United States	Computer Science
Deguire, Paul	Université de Montréal	Mathématiques
Del Fatti, Peter	University of Toronto	Civil Engineering
Delafield, Susan	Macdonald College	Agriculture
Delage, Marc	Université de Montréal	Géographie
Delaney, Kerry	United States	Zoology
D'Eleuterio, Gabriele	University of Toronto	Aerospace Engineering Science
Delikatny, Edward	University of British Columbia	Physical Chemistry
Delisle, Johanne	Université Laval	Entomologie
Delorme, Daniel	Université de Montréal	Chimie
Demetrick, Douglas	University of British Columbia	Microbiology & Immunology
Demir, Baris	McGill University	Electrical Engineering
Demmer, David	University of Saskatchewan	Chemistry
DeMone, Paul	Queen's University	Electrical Engineering
Denis, Johanne	Ecole Polytechnique	Statistiques
Denton, Alan	University of Toronto	Physics
Des Parois, Helène	Université de Montréal	Mathématiques
Desbarats, Alexandre	United States	Geological Engineering
Desbiens, Emélie	University of Toronto	Forestry
Desilets, Denis	Université de Montréal	Chimie
Desjardins, Louis	Université Laval	Génie des structures
Deslandes, Johane	Université de Sherbrooke	Physique
Desloges, Joseph	University of British Columbia	Geography
Desprès, Jean-Pierre	Université Laval	Education physique
Desrochers, Martin	Université de Montréal	Recherches opérationnelles (math)
Detre, Peter	United States	Mathematics
Devine, Michel	Concordia University	Computer Science
DeYoung, Bradley	University of British Columbia	Oceanography
Dharna, Harpal	University of Toronto	Systems & Control Engineering
Di Meglio, Giuseppina	United States	Genetics
Dibartolomeo, Walter	McGill University	Mechanical Engineering
Dicaire, Nicole	University of Toronto	Experimental Psychology
Dickie, Janet	University of Manitoba	Geography
Dickson, Timothy	University of Toronto	Molecular Science
Diduch, Christopher	University of New Brunswick	Engineering
DiFilippo, David	United States	Physics
Digdon, Nancy	University of Western Ontario	Experimental Psychology
Dignard-Bailey, Lisa	University of Western Ontario	Inorganic Chemistry
Dilkie, Lee	University of New Brunswick	Systems Engineering
Dingley, Louis	Memorial University	Experimental Psychology
Diodati-Nolin, Anna	McGill University	Statistics
Dion, Nicole	Université Laval	Zootechnie
Dionne, Benoit	University of Waterloo	Mathematics
Dionne-Chouinard, Monique	Université du Québec à Chicoutimi	Ecologie marine
Diraddo, Robert	McGill University	Chemical Engineering
Ditchfield, Glen	University of Manitoba	Computer Science
Dixon, Douglas	University of Waterloo	Engineering
Dixon, Marjorie	University of Waterloo	Chemical Engineering
Dobinson, Katherine	University of British Columbia	Molecular Biology
Doble, James	Carleton University	Electrical Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Dodds, Karen	University of Guelph	Microbiology
Dodgson, James	University of Toronto	Mechanical Engineering
Doig, D. James	University of Calgary	Geology
Donaldson, Pauline	Carleton University	Biology
Donnelly, Michael	University of Guelph	Crop Science
Doo, Irene	University of Alberta	Mechanical Engineering
Doody, Brian	University of Waterloo	Structural Engineering
Doray, Louis	University of Waterloo	Statistics
Doré, Sylvie	Ecole Polytechnique	Génie mécanique
Dosso, Stanley	University of Victoria	Physics
Dostie, Michel	Université de Sherbrooke	Génie mécanique
Doucette, Gregory	University of British Columbia	Physiology
Drapeau, Pierre	Université de Montréal	Sciences animales
Dreisinger, David	Queen's University	Metallurgy
Drennan, William	University of Waterloo	Applied Mathematics
Driver, Robert	University of Alberta	Structural Engineering
Drolet, Suzanne	Université de Montréal	Science de l'informatique
Dube, Benoît	Université Laval	Géologie
Dubé, Denis	Université Laval	Physique
Dube, Dominique	Université Laval	Métallurgie
Dubuc, Odette	Université de Montréal	Géographie
Dubuc, Pierre	Université de Montréal	Pédologie
Ducharme, Yves	Université de Montréal	Chimie
Duchesne, Luc	University of Toronto	Forest Pathology
Dueck, Corinne	McGill University	Engineering
Dueck, Gerhard	University of Manitoba	Computer Science
Duever, Thomas	University of Waterloo	Chemical Engineering
Dufresne, Claude	University of Alberta	Chemistry
Dufresne, Daniel	England	Mathematics
Dugas, Claude	University of Waterloo	Kinesiology
Duinker, Peter	University of New Brunswick	Forestry
Dumas, Guy	Université Laval	Génie mécanique
Dumas, Claude	Université Laval	Psychologie expérimentale
Dumont, Johanne	Université de Sherbrooke	Chimie
Dumoulin, François	University of British Columbia	Forestry
Dunberry, Eric	McGill University	Structural Engineering
Duncan, Ann	University of Manitoba	Organic Chemistry
Duncan, David	University of Alberta	Wildlife Ecology
Duncan, Scott	University of Manitoba	Geology
Dunlop, John	University of Toronto	Mechanical Engineering
Dupont, Marc	Université de Montréal	Science de l'informatique
Dupuis, Marc	Université Laval	Génie chimique
DuQuesnay, M. Catherine	University of Waterloo	Physiology
Durand, Benoît	Ecole Polytechnique	Géologie
Durand, Daniel	Université Laval	Physique et astrophysique
Durocher, Marc	Université de Montréal	Géographie
Dutcher, John	University of British Columbia	Engineering Physics
Dyer, Alison	Memorial University	Geography
Eadie, John	University of British Columbia	Zoology
Eastwood, Brian	United States	Statistics
Eastwood, Helen	University of Waterloo	Engineering
Eatock, Beverley	University of Saskatchewan	Chemistry
Eberly, Wayne	University of Toronto	Computer Science
Eckert, Christopher	Carleton University	Animal Science
Edwards, Geoffrey	Université Laval	Physique et astrophysique

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Eert, Jane	University of Toronto	Aerospace Engineering Science
Egan, Luke	University of Toronto	Physical Chemistry
Egger, Keith	University of Victoria	Botany
Elder, Kenneth	University of Guelph	Physics
Elder, Linda	University of British Columbia	Forestry
Elles, Kyriacos	University of Toronto	Computer Science
Elliott, Mark	University of Toronto	Biology
Elliott, Nancy	Queen's University	Structural Engineering
Ellis, Hugh	University of Waterloo	Civil Engineering
Ellis, Nigel	McMaster University	Communication Science
Ellis, Randy	United States	Computer Science
Ellis-White, Linda	University of New Brunswick	Biology
Elmhirst, Janice	University of Toronto	Plant Pathology
Elphick, Ian	University of Toronto	Mechanical Engineering
Emond, Diane	Carleton University	Geology
Eng, Robert	York University	Chemistry
Engelhardt, Heidi	University of Guelph	Physiology
Ensing, John	University of Guelph	Forestry
Ercit, Scott	University of Manitoba	Geology & Mineralogy
Erdman, Linda	University of British Columbia	Geology
Erki, Marie-Anne	University of Toronto	Structural Engineering
Etherington, David	University of British Columbia	Computer Science
Ethier, Ross	United States	Mechanical Engineering
Evans, Gregory	University of Toronto	Engineering
Evans, Gloria	University of Manitoba	Experimental Psychology
Evenchick, Carol	Queen's University	Geology
Evens, Danny	University of Toronto	Physics
Eyles, Carolyn	University of Toronto	Geology
Facca, Joseph	University of Toronto	Biomedical Engineering
Fafard, Mario	Université Laval	Génie des structures
Fahrig, Lenore	University of Toronto	Animal Science
Fairgrieve, Thomas	University of Toronto	Computer Science
Fairless, Jeffrey	Dalhousie University	Experimental Psychology
Falcon, Thérèse	Université de Montréal	Recherches opérationnelles (math)
Farbridge, Karen	University of Guelph	Biology
Farkas, Martha	University of Manitoba	Entomology
Fast, Willi	University of Alberta	Genetics
Fattouche, Michel	University of Toronto	Electrical Engineering
Faulkner, Lindy	University of British Columbia	Geology
Fay, David	Queen's University	Mechanical Engineering
Fayerman, Brenda	McGill University	Computer Science
Feeley, Marc	Université de Montréal	Science de l'informatique
Ferguson, Dennis	University of Toronto	Mechanical Engineering
Ferguson, Kathleen	University of Western Ontario	Statistics
Ferguson, Moira	United States	Fisheries
Ferland, Mark	McGill University	Experimental Psychology
Ferland, Rene	Université de Sherbrooke	Recherches opérationnelles (math)
Fernandez, Myriam	University of Toronto	Plant Pathology
Fernandez, Paula	McGill University	Physics
Ferri, Filippo	University of Calgary	Geology
Festa-Bianchet, Marco	University of Calgary	Animal Science
Fields, Paul	Université Laval	Entomologie
Finch, Carol	University of Windsor	Human Kinetics

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Finlay, Janet	University of British Columbia	Experimental Psychology
Fisher, William	York University	Chemistry
Fiszer, Linda	McGill University	Computer Science
Fitzpatrick, Sheila	Université Laval	Entomologie
Fiume, Eugene	University of Toronto	Computer Science
Fleet, David	University of Toronto	Computer Science
Fleming, Scott	University of Toronto	Neurobiology
Floros, Peter	University of Toronto	Aerospace Engineering Science
Fogel, Earl	University of British Columbia	Computer Science
Foght, Julia	University of Alberta	Microbiology
Foote, Christopher	University of British Columbia	Ichthyology & Herpetology
Forand, John	University of Windsor	Physics
Forbes, Mark	University of Western Ontario	Animal Science
Forde, Bruce	University of British Columbia	Civil Engineering
Forest, Etienne	United States	Physics
Forest, Richard	McGill University	Geology
Fornarolo, Gail	McGill University	Experimental Psychology
Forrest, Brian	University of Alberta	Mathematics
Forsythe, Kenneth	University of Ottawa	Computer Science
Forsythe, Michael	Tech. University of Nova Scotia	Structural Engineering
Fortier, Paul	Université Laval	Génie électrique
Fortin, Claudette	Université Laval	Psychologie expérimentale
Fortin, François	Université de Sherbrooke	Génie aéronautique
Fortin, Julie	University of Toronto	Forestry
Foster, Catherine	University of Alberta	Experimental Psychology
Foster, Glen	University of Ottawa	Physiology
Fournier, Paul	Université Laval	Biologie
Fox, Karen	McMaster University	Nuclear Physics
Frail, Dale	University of Toronto	Astroromy
Francis, Robert	University of Toronto	Electrical Engineering
Frankel, Sidney	United States	Mathematics
Franklin, Steven	University of Waterloo	Forestry
Franks, Peter	Dalhousie University	Oceanography
Fraser, Geoffrey	University of British Columbia	Radio Astronomy
Fraser, Marie	Queen's University	Chemistry
Fraser, Roydon	United States	Mechanical Engineering
Fraser, Scott	University of Manitoba	Computer Science
Frederiksen, Soren	University of Ottawa	Physics
Freeman, Mark	United States	Physics
Frendo, Michael	McMaster University	Computer Engineering
Frenette, Réal	University of British Columbia	Electrical Engineering
Frick, Brenda	University of Western Ontario	Plant Ecology
Frid, Sandra	Queen's University	Mathematics
Friesen, Helena	University of Toronto	Genetics
Frigon, Marlene	Université de Montréal	Mathématiques
Fritz, Ernest	University of Manitoba	Mechanical Engineering
Fritz, Werner	University of Manitoba	Organic Chemistry
Froda, Sorana	Université de Montréal	Statistiques
From, Milton	McGill University	Plasma Physics
Frost, David	United States	Aeronautical Engineering
Fullerton, Alexander	University of Toronto	Physics & Astrophysics
Funkenhauser, Mark	University of Toronto	Engineering
Fusey, Isabelle	University of British Columbia	Chemical Engineering
Fyfe, Ken	University of Waterloo	Mechanical Engineering

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Fyles, James	University of Alberta	Plant Ecology
Gabel, Paul	McMaster University	Experimental Psychology
Gaber, Brigitte	University of Toronto	Environmental Sciences
Gagne, Marie-Claude	Université Laval	Physique
Gagné, Pierre	Université Laval	Foresterie et génie civil
Gagnon, Bernard	University of Toronto	Aeronautical Engineering
Gagnon, Claudine	Univ. du Québec à Trois-Rivières	Psychologie expérimentale
Gagnon, François	Université de Montréal	Science de l'informatique
Gagnon, Langis	Université de Montréal	Physique théorique
Gagnon, Roger	University of Waterloo	Inorganic Chemistry
Galarneau, Pierre	Université Laval	Physique nucléaire
Galatsis, Paul	University of Guelph	Organic Chemistry
Gale, Charles	McGill University	Physics
Galibois, Isabelle	Université Laval	Nutrition
Galina, Zvi	Concordia University	Experimental Psychology
Gallant, Jeff	University of New Brunswick	Molecular Biology
Ganes, Cynthia	University of Saskatchewan	Geology
Gardiner, Scott	Memorial University	Geology
Gardner, Anne	University of Toronto	Theoretical Chemistry
Gariépy, Céline	Université Laval	Sciences de l'environnement
Gariepy, Jean-Louis	Université du Québec à Montréal	Zoologie
Garland, A. Greig	University of Waterloo	Civil Engineering
Garland, Nicholas	University of Toronto	Civil Engineering
Garrett, Marilee	University of Victoria	Computer Science
Garrido, José	University of Waterloo	Statistics
Garson, Kenneth	University of Ottawa	Molecular Biology
Garychuk, Gregg	University of Manitoba	Geological Engineering
Gascon, Jules	Université de Montréal	Physique nucléaire
Gaspar, Michael	University of Toronto	Astronomy
Gatien, Daniel	United States	Applied Mathematics
Gaucher, Marcel	Centres INRS	Eau
Gaudin, Glen	University of Toronto	Physics
Gaulin, Bruce	McMaster University	Physics
Gauthier, Gilles	University of British Columbia	Biology
Gauthier, Guy	Ecole Polytechnique	Génie électrique
Gauthier, Gerard	McMaster University	Biomedical Engineering
Gauthier, Lysanne	Université de Montréal	Géologie
Gauthier, Madeleine	University of Guelph	Agriculture
Gauthier, Robert	Dalhousie University	Physics
Gauthier, Serge	Université de Sherbrooke	Ornithologie
Gauthier, Sylvie	Université du Québec à Montréal	Botanique
Gauvin, Pierre	Ecole Polytechnique	Génie mécanique
Gazzola, Edward	McMaster University	Structural Engineering
Gehl, David	University of Saskatchewan	Agriculture
Geier, Robert	University of Guelph	Agriculture
Gelblum, Michael	University of Toronto	Computer Science
Gélinas, Claude	Université Laval	Métallurgie
Gélinas, Carmen	Univ. du Québec à Trois-Rivières	Psychologie expérimentale
Gelmini, Lucio	University of Windsor	Chemical Engineering
Genik, Paula	Université de Sherbrooke	Biologie
Gerasimoff, Michael	Queen's University	Geology
Germain, Diane	University of Waterloo	Environmental Sciences
Germain, Luc	Université de Sherbrooke	Physique
Germain, Marie-France	Université Laval	Statistiques
Giasson, Richard	Université de Montréal	Chimie

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Gibbard, Brant	University of Toronto	Vertebrate Palaeontology
Gibbs, Brian	University of British Columbia	Experimental Psychology
Gibbs, Lisle	United States	Wildlife Ecology
Gibson, Allan	University of Victoria	Embryology
Gibson, Garth	United States	Computer Science
Giguere, Christian	University of Toronto	Electronics & Elect. Eng.
Gilbert, Claude	University of Guelph	Chemistry
Gilbert, Jeannie	University of Manitoba	Plant Pathology
Gilkeson, Linda	Macdonald College	Entomology
Gill, Arnold	Queen's University	Physics & Astrophysics
Gill, Bruce	Carleton University	Entomology
Gill, Debra	Dalhousie University	Marine Ecology
Gillanders, James	University of Toronto	Engineering
Gillespie, Laura	University of Ottawa	Biology
Gillingham, Michael	University of British Columbia	Wildlife Ecology
Gillis, Anne	Dalhousie University	Biochemistry
Gillis, Bonnie	University of Western Ontario	Experimental Psychology
Gillis, Darren	McGill University	Biology
Gillson, George	University of Alberta	Chemistry
Ginder, John	University of Toronto	Aerospace Studies
Gingras, Michel	Université Laval	Physique
Girard, Céline	Université de Sherbrooke	Géographie
Girard, Louise	Université du Québec à Montréal	Chimie
Girczyc, Emil	Carleton University	Engineering
Gish, Gerald	University of Toronto	Chemistry
Glendenning, Brian	University of Toronto	Astronomy
Glosli, James	Simon Fraser University	Physics
Glover, Roderick	University of Toronto	Computer Science
Gobbi, Gian	University of Guelph	Inorganic Chemistry
Godbout, Christian	Université Laval	Physiologie
Goddard, Murray	McMaster University	Experimental Psychology
Godfrey, Stephen	McGill University	Palaeontology
Godmaire, Hélène	University of Toronto	Zoology
Goertz, Deborah	Simon Fraser University	Biology
Goettel, Mark	University of Alberta	Entomology
Goldsborough, L. Gordon	University of Manitoba	Botany
Goodall, David	United States	Geology
Goodfellow, Paul	Queen's University	Genetics
Gooding, Robert	University of Toronto	Physics
Gook, Dagmar	Simon Fraser University	Biology
Gopnik, Morgan	United States	Engineering Science
Gordon, David	Macdonald College	Parasitology
Gordon, John	University of Saskatchewan	Parasitology
Gordon, Robert	University of Saskatchewan	Experimental Psychology
Gordon, Andrew	United States	Soil Science
Gottlob, Sylvia	University of Ottawa	Biology
Goudreau, Sylvain	Université Laval	Génie mécanique
Goulding, Richard	University of New Brunswick	Nuclear Physics
Gowan, Sharon	United States	Botany
Graf, Robert	University of Saskatchewan	Agronomy
Graham, Cameron	University of Alberta	Engineering
Graham, Ian	University of Alberta	Biophysics
Graham, Lori	University of Calgary	Biochemistry
Graham, Michael	University of Guelph	Plant Physiology
Graham, Sheila	York University	Physical Chemistry

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Grant, Caroline	York University	Molecular Biology
Grant, Gordon	University of Manitoba	Plant Science
Grant, Sarah	United States	Genetics
Gratto, Kelly	University of British Columbia	Botany
Gravel, Claude	Université Laval	Foresterie
Gravel, Roger	McGill University	Civil Engineering
Gravel, Remi	Université de Montréal	Mathématiques
Graveson, Ann	University of Ottawa	Genetics
Gray, Murray	United States	Chemical Engineering
Greasley, Gordon	University of British Columbia	Forestry
Greenberg, Louise	University of Saskatchewan	Agriculture
Greene, Erick	United States	Animal Science
Greenwood, Dale	University of Toronto	Mathematics
Gregory, Mary	University of Manitoba	Biology
Gregson, Peter	Tech. University of Nova Scotia	Systems & Control Engineering
Greszczuk, John	University of Toronto	Electrical Engineering
Gri, Michael	University of Toronto	Nuclear Engineering
Grice, Stephen	McMaster University	Experimental Psychology
Grindal, David	University of Toronto	Computer Science
Groeneveld, Neil	University of Regina	Geology
Groom, Ross	University of Toronto	Geophysics
Gross, Jonathan	United States	Computer Science
Guay, Daniel	Univ. du Québec à Trois-Rivières	Biophysique
Guay, Daniel	Université de Sherbrooke	Chimie organique
Guevremont, Grant	Concordia University	Mechanical Engineering
Guglielmin, George	University of Toronto	Energy
Gulick, Sidney	McGill University	Computer Science
Gullichsen, Eric	University of Victoria	Computer Science
Gulliver, Aaron	University of New Brunswick	Systems & Control Engineering
Gupta, Arvind	University of Toronto	Computer Science
Gupta, Lorene	University of Toronto	Computer Science
Gyorkos, John	University of Guelph	Chemistry
Gysbers, John	McMaster University	Virology
Habgood, Helen	University of British Columbia	Forestry
Hackinen, Coleen	University of British Columbia	Environmental Sciences
Hageman, Cecilia	University of Western Ontario	Plant Science
Haines, Perry	University of New Brunswick	Civil Engineering
Hall, Charles	University of Toronto	Computer Science
Hall, Randall	Queen's University	Geology
Halliwell, David	McMaster University	Geography
Ham, Robert	Queen's University	Design Engineering
Hamel, Pierre	Université Laval	Education physique
Hameury, Michel	University of British Columbia	Mechanical Engineering
Hamilton, Cynthia	Simon Fraser University	Kinesiology
Hamilton, John	Queen's University	Geology
Hampton, Eva	McMaster University	Nuclear Engineering
Hannington, Mark	University of Toronto	Geology
Harbison, Andrew	University of Waterloo	Microbiology
Harbluk, Joanne	University of Western Ontario	Experimental Psychology
Hare, David	University of British Columbia	Mathematics
Harker, K. Neil	University of Guelph	Plant Physiology
Harper, John	University of Toronto	Physics & Astrophysics
Harris, Philip	University of Manitoba	Physics & Chemistry
Harrison, Elaine	University of Waterloo	Earth Sciences

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Harrison, Ian	University of Toronto	Physical Chemistry
Harrison, Jed	United States	Chemistry
Harrison, Kathryn	United States	Chemical Engineering
Harsany Lewis, Mary	Concordia University	Experimental Psychology
Hart, Bradd	McGill University	Mathematics
Hart, Timothy	United States	Physical Education
Hart, Trevor	University of Toronto	Mathematics
Hartstock, Frederick	University of Ottawa	Organic Chemistry
Harvey, Holly	University of Waterloo	Experimental Psychology
Harvey, Leon	Université Laval	Psychologie expérimentale
Harvey, Lawrence	University of Toronto	Pedology
Harvey, Pierre	McGill University	Chemistry
Hatfield, Susan	University of Alberta	Animal Science
Hay, Toby	Dalhousie University	Marine Ecology
Hayward, Ryan	McGill University	Computer Science & Applied Analysis
Haywick, Douglas	Memorial University	Geology
Heath, Daniel	McGill University	Physics
Heath, Valerie	Ecole Polytechnique	Sciences de l'environnement
Hebb, Bruce	Tech. University of Nova Scotia	Ocean Engineering
Hébert, Christian	Université Laval	Sciences biologiques
Hebert, Dany	Université de Montréal	Psychologie expérimentale
Hébert, François	Université du Québec à Montréal	Physiologie végétale
Hébert, Martine	Concordia University	Experimental Psychology
Hebert, David	Dalhousie University	Oceanography
Hebron, John	University of Alberta	Theoretical Physics
Hefford, Mary	University of Ottawa	Chemistry
Heinonen, Taisto	Queen's University	Biology
Hempstead, Michael	York University	Chemistry
Henderson, James	Queen's University	Entomology
Hendren, Laurie	Queen's University	Computer Science
Henley, Robert	University of Calgary	Engineering
Henning, Dominique	McGill University	Polymer Chemistry
Henry, Gregory	University of Toronto	Botany
Heppler, Glenn	University of Toronto	Aerospace Engineering Science
Herbert, John	Queen's University	Inorganic Chemistry
Herdman, Chris	University of Alberta	Experimental Psychology
Herman, Paul	United States	Molecular Biology
Hewitt, Bruce	University of Calgary	Engineering
Hickerson, John	University of Manitoba	Molecular Biology
Hickson, Judith	University of Calgary	Resource Management
Higson, Nigel	Dalhousie University	Mathematics
Hilbert, Martin	University of Toronto	Electrical Engineering
Hildebrandt, Virginia	University of Guelph	Plant Science
Hilger, Arlene	University of New Brunswick	Biology
Hill, Arthur	University of Guelph	Food Sciences
Hill, Bradley	University of Calgary	Zoology
Hill, Nicholas	Dalhousie University	Plant Science
Hill, Ralph	University of Toronto	Computer Science
Hill, Ross	University of Western Ontario	Inorganic Chemistry
Hincks, Michael	University of Guelph	Food Sciences
Hinse, Mario	Université de Sherbrooke	Géographie
Hinterberger, Hans	Switzerland	Computer Science
Hintz, William	University of Toronto	Botany
Hinz, David	McGill University	Theoretical Physics

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Hochins, James	University of Ottawa	Structural Engineering
Hoddinott, Terry	Memorial University	Ocean Engineering
Hoffe, Ronald	University of Waterloo	Physics
Hoffman, Diane	Queen's University	Experimental Psychology
Hoffman, Eric	McMaster University	Chemical Engineering
Hoffman, Timothy	University of Waterloo	Mechanical Engineering
Holbrook, Jane	McGill University	Genetics
Holcroft, Anne	University of Calgary	Environmental Sciences
Holder, Mark	United States	Experimental Psychology
Holford, David	McGill University	Metallurgy
Hollan, Rene	Concordia University	Computer Science
Hollander, Barbara	York University	Experimental Psychology
Hollingshead, Stephen	Queen's University	Geological Engineering
Holm, Terrence	University of Waterloo	Computer Science
Holman, Glen	University of Waterloo	Applied Mathematics
Holme, Kevin	University of British Columbia	Chemistry
Holmes, Charlotte	University of Western Ontario	Experimental Psychology
Holmes, Lawrence	Concordia University	Experimental Psychology
Holmes, Robert	United States	Biology
Holubov, Carol	University of Toronto	Physical Chemistry
Homes, Christopher	University of British Columbia	Physics
Hood, Dale	University of New Brunswick	Fisheries
Hood, Kevin	Queen's University	Physics
Hooper, Gary	United States	Computer Science
Hoops, Gordon	University of Toronto	Engineering
Hooton, Irene	University of Western Ontario	Chemistry
Hoover, H. James	University of Toronto	Computer Science
Hopky, Glen	Simon Fraser University	Fisheries
Hopps, Paul	University of Guelph	Meteorology
Horney, Sandra	University of Toronto	Nutrition
Hortensius, Peter	University of Manitoba	Biomedical Engineering
Horton, Diane	University of Toronto	Computer Science
Horton, Lorne	United States	Nuclear Engineering
Horton, Stephen	University of Toronto	Genetics
Houle, Francine	Université de Montréal	Botanique
Hoult, Steve	University of Waterloo	Engineering
Howard, Stephen	University of Victoria	Microbiology
Howell, Edward	University of Toronto	Plant Ecology
Howley, Margaret	University of Alberta	Engineering
Hruday, Kenneth	University of Alberta	Computer Science
Hsiang, Tom	University of British Columbia	Forest Pathology
Hubbard, Amanda	England	Plasma Physics
Hughes, Karen	McMaster University	Physics
Hughes, William	University of Waterloo	Mathematics
Hugo, Patrice	Université du Québec à Montréal	Microbiologie et immunologie
Hui, David	University of British Columbia	Electrical Engineering
Hulbert, Guy	United States	Applied Mathematics
Huletsky, Ann	Université de Sherbrooke	Physiologie
Hull, Diane	University of Ottawa	Chemical Engineering
Hultin, Philip	University of Toronto	Chemistry
Hunt, Derek	University of British Columbia	Animal Science
Hunt, Tony	Concordia University	Experimental Psychology
Hunter, Allen	University of British Columbia	Organic Chemistry
Huot, Jean-Pierre	United States	Aeronautical Engineering
Hurly, Andrew	Queen's University	Biology

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Hurteau, Gilles	Université de Montréal	Science de l'informatique
Huschilt, John	University of Guelph	Biophysics
Huston, Robert	University of Victoria	Oceanography
Hutchinson, Bradley	University of Waterloo	Mechanical Engineering
Hutchinson, David	University of Waterloo	Engineering
Ilott, Peter	McGill University	Electrical Engineering
Irwin, David	University of British Columbia	Genetics
Isabel, Denis	Centres INRS	Eau
Isliefson, Ronald	University of Manitoba	Systems Engineering
Ivanco, Tyler	York University	Chemistry
Ivanov, André	McGill University	Engineering
Ives, David	Dalhousie University	Oceanography
Iwama, George	University of British Columbia	Zoology
Iwanochko, Mark	University of Toronto	Molecular Biology
Jackson, Catherine	University of Alberta	Mathematics
Jackson, Marilynne	University of Manitoba	Computer Science
Jackson, Paul	United States	Physiology
Jacobson, Sheldon	United States	Combinatorics & Optimization
Jacques, Hélène	Université Laval	Nutrition
Jafari-Naini, Behdad	Concordia University	Structural Engineering
Jalbert, François	Université de Montréal	Recherches opérationnelles
James, Catherine	University of British Columbia	Forestry
Jansen, Gerald	University of Guelph	Animal Science
Janz, Siegfried	University of Toronto	Physics
Jarmasz, Mark	University of Manitoba	Electrical Engineering
Jaworski, Richard	University of Manitoba	Statistics
Jeffery, David	McMaster University	Physics
Jenkins, Tom	University of Toronto	Engineering Physics
Joffe, Risha	University of British Columbia	Experimental Psychology
Johnson, Geoffrey	University of Waterloo	Physics
Johnson, Matthew	United States	Physics
Johnson, Robert	Queen's University	Communication Science
Johnson, Stewart	Dalhousie University	Marine Ecology
Johnson, Suzanne	Dalhousie University	Fisheries
Johnson-Flanagan, Anne	University of Victoria	Plant Science & Biochemistry
Johnston, David	Memorial University	Palaeontology
Johnston, Gregory	Queen's University	Inorganic Chemistry
Johnston, Sheila	University of Ottawa	Experimental Psychology
Joly, Helen	Queen's University	Organic Chemistry
Joly, Pierre	Université de Montréal	Psychologie expérimentale
Jones, Andrew	University of British Columbia	Geochemistry & Mineralogy
Jones, Dennis	Dalhousie University	Physics
Jones, Francis	University of Toronto	Biomedical Engineering
Jones, Melanie	University of Toronto	Environmental Sciences
Joseph, Lawrence	McGill University	Statistics
Jourard, David	University of Toronto	Theoretical Physics
Joyal, Pierre	Université de Montréal	Mathématiques
Joyce, Paul	Dalhousie University	Plant Physiology
Judah, Sherry	University of British Columbia	Combinatorics & Optimization
Judd, Stephen	United States	Computer Science
Julian, Stephen	University of Toronto	Physics
Juneau, Bernard	University of Western Ontario	Electrical Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Jung, Grace	University of British Columbia	Organic Chemistry
Jung, Tom	University of Toronto	Electrical Engineering
Kale, Lawrence	University of Waterloo	Chemistry
Kallin, Catherine	United States	Theoretical Physics
Kaminski, David	University of Manitoba	Mathematics
Kammermayer, Edward	University of Toronto	Nuclear Physics
Karasick, Michael	McGill University	Computer Science
Karlen, Dean	United States	Physics
Karney, Bryan	University of British Columbia	Civil Engineering
Kaufman, Farla	University of Waterloo	Physiology
Kaulbars, Michael	Carleton University	Entomology
Kavanagh, Kevin	University of Toronto	Plant Ecology
Kavanagh, Patricia	Carleton University	Electrical Engineering
Kavassalis, Tom	United States	Theoretical Chemistry
Kean, T. Maxwell	University of British Columbia	Mechanical Engineering
Kearney, Jill	Queen's University	Statistics
Keeler, Lisa	University of Guelph	Statistics
Keen, Kevin	University of Toronto	Statistics
Kehrig, Robert	University of Saskatchewan	Mechanical Engineering
Kelley, Daniel	Dalhousie University	Oceanography
Kelly, Barbara	York University	Experimental Psychology
Kelly, Karen	Carleton University	Statistics
Kelly, Sandra	McGill University	Psychology
Kelly, Steven	McMaster University	Chemical Engineering
Kempf, Paul	McMaster University	Engineering
Kennedy, Curtis	University of British Columbia	Marine Ecology
Kennedy, Gordon	University of Guelph	Chemistry
Kennedy, John	McMaster University	Engineering
Kennedy, Stephen	University of Alberta	Engineering
Kennedy, Sean	Carleton University	Chemistry
Kermode, Allison	University of Calgary	Plant Physiology
Kerr, David	University of Saskatchewan	Animal Nutrition
Kettler, Anthony	University of Manitoba	Civil Engineering
Keys, Judy	University of Guelph	Animal Physiology
Kherani, Nazir	University of Toronto	Nuclear Engineering
Kiely, David	University of Manitoba	Civil Engineering
Kim, Isaac	United States	Geophysics
Kimia, Behjoo	McGill University	Artificial Intelligence
Kindzierski, Warren	University of Alberta	Civil Engineering
King, Bryan	Queen's University	Plant Physiology
King, Gregory	University of Alberta	Chemistry
King, John	University of Alberta	Genetics
Kirkland, James	University of Guelph	Animal Nutrition
Kitai, Adrian	United States	Electrical Engineering
Kjartanson, Bruce	University of Manitoba	Civil Engineering
Kleven, Shelagh	Simon Fraser University	Kinesiology
Klinkenberg, Brian	University of Western Ontario	Geography
Klippenstein, John	England	Mathematics
Klowak, Gregory	University of Ottawa	Engineering
Knee, Lewis	University of Victoria	Astronomy
Kneller, Donald	United States	Aerospace Studies
Knight, Nancy	Simon Fraser University	Fisheries
Knight, Thomas	Carleton University	Electrical Engineering
Knowles, Mark	United States	Mathematics & Statistics
Kobayashi, Robert	Simon Fraser University	Kinesiology

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Koelbl, Roy	Queen's University	Physics
Kopac, Julie	University of Victoria	Nuclear Physics
Kopp, Steve	University of Western Ontario	Statistics
Korycan, Sandra	Carleton University	Biochemistry
Kostiuk, Larry	University of Alberta	Mechanical Engineering
Kotiuga, Peter	McGill University	Electrical Engineering
Kourany, Elly	University of Ottawa	Molecular Biology
Kovacs, Kathleen	University of Guelph	Zoology
Koval, John	University of Western Ontario	Statistics
Kovesdi, Imre	Simon Fraser University	Biology
Koziol, Brenda	University of Saskatchewan	Geochemistry & Mineralogy
Kozlowski, James	University of Ottawa	Electrical Engineering
Krantzberg, Gail	University of Toronto	Environmental Sciences
Kraszewski, Renata	University of Guelph	Horticulture
Kraus, Jerome	University of British Columbia	Experimental Psychology
Krause, Edward	United States	Communication Science
Krause, Jeffrey	University of Western Ontario	Mechanical Engineering
Kremer, John	University of Toronto	Structural Engineering
Krigstin, Sally	University of Toronto	Forestry
Kristoff, Terrence	University of Alberta	Silviculture
Krizanc, Danny	United States	Computer Science
Kroeker, Ernest	Queen's University	Genetics
Krokosh, Gregory	University of Western Ontario	Experimental Psychology
Kruger, Gary	University of Saskatchewan	Soil Science
Krumholz, Lee	United States	Dairy Science
Kruse, Stephen	Carnegie-Mellon University	Elec. Eng. & Computer Eng.
Kruzelecky, Roman	University of Toronto	Electrical Engineering
Krywiak, Gary	University of Alberta	Structural Engineering
Kuhn, Jonathan	England	Systems Engineering
Kula, Leonard	University of Waterloo	Mechanical Engineering
Kunanec, Susan	McGill University	Molecular Biology
Kupranycz, Donna	Macdonald College	Food Sciences
Kupsh, Christine	University of Guelph	Physical Education
Kurtz, Geoffrey	University of Manitoba	Computer Science
Kusalik, Anthony	University of British Columbia	Systems Engineering
Kushniruk, Andre	McMaster University	Computer Science
Kuttner, Eliza	University of British Columbia	Artificial Intelligence
Kuzina, Janet	Carleton University	Mechanical Engineering
Kwak, William	University of Toronto	Computer Engineering
Kwong, Pearl	University of British Columbia	Microbiology & Immunology
Labatiuk, Charles	University of Ottawa	Civil Engineering
Laberge, Martine	Université de Montréal	Génie biomédical
Laberge, Michel	Université Laval	Physique
Lacaille, Jean-Claude	Memorial University	Experimental Psychology
Lacelle - Gagnon, Johanne	Memorial University	Fisheries
Lachapelle, Alain	Université de Montréal	Chimie
Lacombe, Claude	Concordia University	Structural Engineering
Lacombe, Diane	Université de Sherbrooke	Ecologie végétale
Lacouture, Yves	Université du Québec à Montréal	Psychologie expérimentale
Lacroix, Jacinthe	Université du Québec à Rimouski	Océanographie
Ladouceur, Stéphane	Université de Montréal	Mathématiques
Ladowsky, Ricki	University of Western Ontario	Experimental Psychology
Laflamme, Claude	United States	Mathematics
Lafond, Michel	Université de Montréal	Ecologie marine
Lafreniere, Carole	Université Laval	Microbiologie

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Lagowski, Jolanta	University of Toronto	Physics
Laidlaw, Margaret	University of Guelph	Nutrition
Lajoie, Louise	University of Ottawa	Ichthyology & Herpetology
Lalande, Hélène	Université de Montréal	Sciences de la terre
Laliberté, Bertrand	University of Toronto	Structural Engineering
Laliberte, Christian	Université du Québec à Montréal	Physiologie
Lalonde, Louise	University of Calgary	Plant Science
Lalonde, Robert	Simon Fraser University	Entomology
Lam, Hei	University of Calgary	Mechanical Engineering
Lamarche, François	University of Ottawa	Physics
Lamarche, Louis	Belgium	Aeronautical Engineering
Lamarche, Philippe	University of Ottawa	Civil Engineering
Lamarre, Claude	Université Laval	Physique
Lamarre, Ginette	Université du Québec à Montréal	Psychologie expérimentale
Lambert, H. Mark	York University	Physical Chemistry
Lambert, Stephan	University of Waterloo	Mechanical Engineering
Lamothe, Serge	Université de Sherbrooke	Chimie organique
Lamoureux, Hélène	Concordia University	Experimental Psychology
Lamy, Jean-François	Université de Montréal	Science de l'informatique
Lancaster, Jill	University of British Columbia	Zoology
Landry, Jean-Pierre	McGill University	Engineering
Landry, Line	Université de Montréal	Mathématiques
Lane, Daniel	University of British Columbia	Management Science
Lane, Mark	University of British Columbia	Geophysics
Langlet, Eric	Université de Montréal	Mathématiques
Langlois, Jean-Marc	Université de Sherbrooke	Physique
Langlois, Richard	Ecole Polytechnique	Ingénierie
Langman, James	University of Alberta	Chemical Engineering
Langridge, Robert	Queen's University	Geophysics
Lanouette, André	United States	Aerospace Engineering Science
Lapierre, Gilles	Ecole Polytechnique	Electronique et génie électrique
Lapierre, Hélène	Université Laval	Zootechnie
Laplante, Louise	University of Ottawa	Experimental Psychology
Lapointe, Patrice	Centres INRS	Génie électrique
Larish, Giselle	Queen's University	Chemical Engineering
Laroche, Paul	McMaster University	Physics
Larue, Jacques	Université Laval	Kinesiologie
Latornell, Douglas	Queen's University	Mechanical Engineering
Lau, David	United States	Structural Engineering
Laudenbach, David	University of Toronto	Botany
Laughton, Peter	United States	Engineering
Laurendeau, Denis	Université Laval	Génie électrique
Laurier, Giles	University of Waterloo	Engineering
Lautens, Mark	United States	Organic Chemistry
Lavallee, Claude	Université Laval	Chimie
Lavergne, Guy	Université du Québec à Chicoutimi	Géochimie et minéralogie
Lavoie, Daniel	University of Ottawa	Experimental Psychology
Lavoie, Denis	Université Laval	Géologie
Lavoie, Sylvain	Université de Montréal	Recherches opérationnelles (math)
Lawrence, Marcus	Centres INRS	Energie
Lawton, Mark	University of Guelph	Plant Pathology
Layman, Paul	University of Waterloo	Electrical Engineering
Layne, Graham	University of Toronto	Geology
Lazarus, Alan	McGill University	Cancer Research

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Le, Huy	Université Laval	Métallurgie
Le Beau, Louise	Université de Montréal	Informatique et recherches opér.
Leask, James	University of Waterloo	Electrical Engineering
Lebensold, Julian	Concordia University	Computer Science
Lebeuf, Denis	Université de Montréal	Recherches opérationnelles (math)
LeBlanc, Jean-Luc	University of Ottawa	Kinesiology
Leblanc, Michael	University of Waterloo	Mathematics
Leblanc, Pierre	University of Waterloo	Mechanical Engineering
Leblanc, Yvan	University of Alberta	Theoretical Physics
Leclair, Benoit	University of Ottawa	Molecular Biology
Leclerc, André	Université Laval	Photogrammétrie
Leclerc, Mario	Université Laval	Chimie
Leduc, Alain	Université de Montréal	Ecologie marine
Lee, Collon	University of Toronto	Electrical Engineering
Lee, Carolyn	Mass. Inst. of Technology	Chemistry
Lee, James	University of Toronto	Geophysics
Lee, Jeffrey	University of Western Ontario	Computer Science
Lee, Kin	University of Western Ontario	Engineering Science
Lee, Lawrence	University of Toronto	Nuclear Physics
Lee, Nelson	McGill University	Chemistry
Lee, Robert	Queen's University	Electrical Engineering
Lee, Rosanna	University of Waterloo	Computer Science
Lee, Roselyn	University of British Columbia	Computer Science
Lee, Seonkyoo	University of Toronto	Computer Engineering
Lefebvre, René	University of Calgary	Geology
LeFevre, Jo-Anne	University of Alberta	Experimental Psychology
Lefrançois, Michel	Université Laval	Zootechnie
Legault, André	Université de Montréal	Botanique
Léger, Christian	United States	Statistics
Leger, Daniel	Université de Moncton	Chimie
Leger, Pierre	United States	Structural Engineering
Legge, William	University of Manitoba	Agronomy
Leinweber, Derek	McMaster University	Theoretical Physics
Leivo, Hannu-Pekka	University of Toronto	Theoretical Physics
Lemelin, Denis	University of Western Ontario	Civil Engineering
Lemieux, Louis	University of Toronto	Physics
Lemieux, Renald	McMaster University	Biomedical Engineering
Lemmen, Donald	Queen's University	Geography
Leonard, Charles	Concordia University	Structural Engineering
Léonard, Gaetan	McGill University	Physics
Leonard, Martha	University of Ottawa	Zoology
Leonard, Peter	University of Toronto	Astronomy
Léonard, Richard	McGill University	Geology
Leroux, Brian	University of British Columbia	Mathematics
Leroux, Michel	Univ. du Québec à Trois-Rivières	Kinesiologie
Lesk, Mark	Israel	Biology
Leslie, William	University of Manitoba	Systems Engineering
Lespérance, Mary	University of Waterloo	Mathematics & Computer Science
Lessard, François	Université de Sherbrooke	Mathématiques appliquées
Lessard, Larry	United States	Mechanical Engineering
Lettre, Jeannot	University of Guelph	Plant Ecology
Leung, Chi	University of Waterloo	Mechanical Engineering
Leung, Jeffrey	University of British Columbia	Genetics

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Leung, Tong	University of British Columbia	Chemistry
Levesque, André	Simon Fraser University	Biological Science
Levesque, Richard	Université Laval	Géographie
Levine, Michael	United States	Physics
L'Heureux, Marie-Josée	Université Laval	Mathématiques
L'Heureux, Ivan	United States	Physics
Li, Chung-Yan	McMaster University	Structural Engineering
Li, Tai-Wai	University of Waterloo	Mechanical Engineering
Li On Wing, Himking	Concordia University	Electronics & Elect. Eng.
Lightbody, Jill	Carleton University	Animal Science
Lightstone, Leonard	McMaster University	Aerospace Studies
Lindberg, Craig	United States	Physics
Lindeman, Dorothy	Carleton University	Zoology
Lindsay, William	England	Animal Science
Lindsey, Jane	Queen's University	Statistics
Linfield, Gerald	University of Alberta	Silviculture
Ling, Samson	University of Western Ontario	Chemistry
Link, Norah	McGill University	Engineering
Lipsett, Arthur	University of British Columbia	Applied Mechanics
Lirette, André	University of Alberta	Animal Husbandry
Liscano, Ramiro	United States	Mechanical Engineering
Lisicky, Craig	Queen's University	Physical Education
Little, Blane	University of Western Ontario	Theoretical Physics
Lloyd, Brian	University of Western Ontario	Inorganic Chemistry
Lloyd, Paul	Dalhousie University	Geophysics
Lo, Siu	University of Waterloo	Systems Engineering
Locke, John	Queen's University	Molecular Biology
Locke, Timothy	University of Waterloo	Management Science
Loewen, Mark	University of Alberta	Civil Engineering
Logan, John	University of Western Ontario	Medicine & Engineering
London, David	United States	Theoretical Physics
Londry, Frank	University of Toronto	Physics
Longpre, Luc	United States	Computer Science
Longtin, André	Université de Montréal	Biophysique
Loo, Ruby	University of Waterloo	Computer Science
Lord, Mark	University of Waterloo	Computer Science
Lorraine, Peter	United States	Physics
Lortie, Francis	Centres INRS	Génie électrique
Lotz, Gerhard	University of Alberta	Nuclear Physics
Love, Robin	Queen's University	Computer Science
Lovell, Nancy	United States	Anthropology & Archaeology
Loveys, James	Simon Fraser University	Mathematics
Low, Stephen	United States	Physics & Mathematics
Lowe, James	University of Toronto	Aerospace Studies
Lowe, Wayne	University of Toronto	Statistics
Lu, Steven	United States	Physics
Lubiw, Anna	University of Toronto	Combinatorics & Optimization
Lui, Paul	University of British Columbia	Geotechnical Sciences
Lun, Cliff	McGill University	Civil Engineering
Lussier, Louis-Simon	Université de Montréal	Chimie
Lutz, Nancy	Acadia University	Botany
Lutze-Wallace, Cyril	University of New Brunswick	Chemistry
Lydon, Rosalee	Saint Mary's University	Experimental Psychology
Lyn, Dennis	United States	Mechanical Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Lyon, Bruce	Queen's University	Animal Science
Lyons, Jill	University of Waterloo	Experimental Psychology
Ma, Bobby	University of Waterloo	Communication Science
Ma, Christopher	University of Waterloo	Electrical Engineering
Ma, Chi-Sing	University of Alberta	Electrical Engineering
Ma, Thomas	University of Toronto	Electrical Engineering
Maaskant, Robert	University of Waterloo	Structural Engineering
MacAulay, Calum	Dalhousie University	Physics
Macaulay, John	University of Alberta	Chemistry
MacDonald, Brenda	University of New Brunswick	Psychology
MacDonald, Carl	Tech. University of Nova Scotia	Operation Research
Macdonald, Lorne	University of Toronto	Physics
MacDonald, Michael	Tech. University of Nova Scotia	Electrical Engineering
Macdonald, Sandra	University of Calgary	Plant Ecology
MacDonald, Valerie	University of Waterloo	Experimental Psychology
MacDonell, Martin	University of Toronto	Mathematics
MacEachern, James	University of Regina	Geology
MacGregor, Carolyn	University of Toronto	Experimental Psychology
MacGregor, Dorothy	Dalhousie University	Biology
Mach, Lenka	University of New Brunswick	Statistics
Macikunas, Arunas	McMaster University	Electrical Engineering
MacIsaac, Daniel	University of Alberta	Geography
MacKenzie, Cynthia	University of New Brunswick	Plant Physiology
MacKenzie, Kenna	Simon Fraser University	Entomology
MacKinnon, Gregory	University of Waterloo	Inorganic Chemistry
MacKnight, Douglas	University of New Brunswick	Molecular Biology
MacLennan, John	United States	Experimental Psychology
MacLeod, Farley	University of Calgary	Microbiology
MacLeod, Richard	McMaster University	Mathematics
Macmillan, Carol	Concordia University	Experimental Psychology
MacPhedran, Ian	University of Saskatchewan	Structural Engineering
MacRitchie, John	University of Waterloo	Systems Engineering
MacTavish, James	University of Waterloo	Physics
Maddalena, Albert	Brock University	Geology
Maddison, Wayne	United States	Biology
Madej, Alan	University of Toronto	Nuclear Physics
Madeley, Ronald	University of Alberta	Chemical Engineering
Mah, Harry	University of British Columbia	Mechanical Engineering
Mah, Stephen	Concordia University	Mechanical Engineering
Maheux, Louise	Université Laval	Psychologie expérimentale
Mai, Thanh	Concordia University	Computer Science
Mailhot, Frédéric	Université de Sherbrooke	Physique
Mailhot, Guy	McGill University	Engineering
Majka, Marc	University of British Columbia	Artificial Intelligence
Major, Mario	University of Ottawa	Mathematics
Makarenko, Darrell	University of Alberta	Computer Science
Maldague, Xavier	Université Laval	Génie électrique
Mallett, Kenneth	University of Alberta	Forest Pathology
Malo, Michel	Université de Montréal	Géologie
Malyszko, Thomas	McGill University	Structural Engineering
Manchester, Kathryn	University of Toronto	Statistics
Manolson, Morris	McGill University	Molecular Biology
Mapp, Alistair	York University	Experimental Psychology
Marchand, Normand	United States	Metallurgy
Marchant, Gary	University of British Columbia	Genetics

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Marchisio, Giovanni	United States	Geophysics
Marcil, Francine	Université du Québec à Montréal	Psychologie expérimentale
Marcotte, Louis	Université Laval	Génie civil
Marcoux, Benoit	Ecole Polytechnique	Science de l'informatique
Marcoux, Francine	University of Waterloo	Biology
Margerum, Michael	University of Ottawa	Chemical Engineering
Marjoribanks, Robin	United States	Plasma Physics
Markarian, Salpy	McGill University	Mathematics
Marquès, Rolande	Université de Montréal	Chimie
Marr, Ruth	University of Saskatchewan	Plant Ecology
Marrs, Peter	University of British Columbia	Organic Chemistry
Marsan, Benoît	Centres INRS	Energie
Marshall, Jeffrey	University of Toronto	Structural Engineering
Marsiglio, Frank	McMaster University	Physics
Martel, André	Université du Québec à Chicoutimi	Zoologie
Martel, Christine	United States	Polymer Chemistry
Martin, Anthony	University of British Columbia	Civil Engineering
Martin, Deborah	University of Toronto	Environmental Sciences
Martin, Lillian	Simon Fraser University	Inorganic Chemistry
Martin, Peter	University of Toronto	Organic Chemistry
Martinuzzi, Robert	Queen's University	Aerospace Studies
Martz, Lawrence	University of Saskatchewan	Geography
Marziali, Andree	Macdonald College	Animal Science
Mason, Ralph	Carleton University	Electrical Engineering
Massari, Claire	University of Saskatchewan	Marine Science
Masse, Priscille	Université Laval	Nutrition
Massicotte, Bruno	Université Laval	Génie des structures
Massicotte, Hugues	University of Guelph	Plant Physiology
Massicotte, Michel	Université Laval	Génie mécanique
Masson, Denis	Ecole Polytechnique	Génie physique
Masson, Joseph	McGill University	Microbiology
Mather, Diane	University of Guelph	Plant Science
Matheson, William	Dalhousie University	Experimental Psychology
Mathieu, Daniel	Ecole Polytechnique	Génie métallurgique
Matthews, Christopher	California Inst. of Tech.	Physics
Matthews, John	Dalhousie University	Electrical Engineering
Matthews, Peter	Queen's University	Computer Science
Matthies, Larry	United States	Computer Science
Mauro, Vincent	McGill University	Biology
Mavriplis, Cathy	Mass. Inst. of Technology	Mechanical Engineering
May, Bruce	McGill University	Genetics
Maynard, Kevin	University of Toronto	Physical Chemistry
Mazer, Murray	University of Toronto	Computer Science
Mazmanian, Dwight	University of Western Ontario	Experimental Psychology
Mazuhelli, Marc	Université de Sherbrooke	Science de l'informatique
Mazurski, Evalynn	Queen's University	Experimental Psychology
Mc Guinness, Sean	Queen's University	Mathematics
McAfee, Brenda	Université Laval	Ecologie végétale
McArthur, Gregory	University of Toronto	Artificial Intelligence
McArthur, Randall	University of Toronto	Theoretical Physics
McBain, Ian	University of Toronto	Experimental Psychology
McBride, Roy	University of New Brunswick	Engineering
McBrien, Robert	McGill University	Mechanical Engineering
McCabe, Nicole	Univ. du Québec à Trois-Rivières	Psychologie expérimentale
McCain, Gregory	University of New Brunswick	Computer Science

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
McCammon, Richard	University of Waterloo	Chemical Engineering
McCann, Robert	University of Waterloo	Experimental Psychology
McCanny, Stephen	University of Western Ontario	Plant Ecology
McCashion, Ruth	University of New Brunswick	Virology
McClung, Charles	United States	Microbiology
McClure, Ghyslaine	United States	Engineering
McColl, Kathryn	University of British Columbia	Geology
McCuaig, William	Simon Fraser University	Mathematics
McCullough, Cathy	Brock University	Microbiology
McDermid, Heather	Queen's University	Biology
McDill, Moyra	Carleton University	Mechanical Engineering
McFarlane, Joanna	University of Toronto	Physical Chemistry
McFarlane, Richard	University of Ottawa	Chemistry
McFarlane, Randall	Queen's University	Chemical Engineering
McGeachy, Sandi	Concordia University	Marine Science
McGeorge, Scott	McGill University	Chemistry
McGill, Roderick	University of Toronto	Engineering
McGill, Stuart	University of Waterloo	Kinesiology
McGinnis, Kathryn	University of Guelph	Entomology
McGreer, Kenneth	University of Alberta	Physics & Meteorology
McGregor, Brian	Queen's University	Information Science
McInnis, Rodney	University of Toronto	Electrical Engineering
McIntosh, Grant	University of British Columbia	Plasma Physics
McIntosh, Richard	United States	Mathematics
McKague, Alan	University of Toronto	Metallurgy
McKenna, Janis	University of Toronto	Physics
McKenna, Richard	University of Waterloo	Civil Engineering
Mckerracher, Lisa	York University	Biology
McKinnon, Michael	University of Guelph	Chemistry
McLandress, Charles	McGill University	Meteorology
McLean, Brian	University of Toronto	Engineering
McLean, Michael	United States	Genetics
McLeese, Jennifer	University of Ottawa	Physiology
McLeod, Peter	Dalhousie University	Experimental Psychology
McLeod, Robert	University of Manitoba	Engineering
McMacken, John	University of Western Ontario	Electrical Engineering
McMullan, William	Simon Fraser University	Physics
McMullen, Patricia	University of Waterloo	Experimental Psychology
McNeill, Marilyn	University of Guelph	Parasitology
McQueen, Ross	United States	Plant Pathology
McVicar, Gregory	University of New Brunswick	Electrical Engineering
Medlicott, Kyra	University of Alberta	Forestry
Melchin, Michael	University of Western Ontario	Palaeontology
Meleshko, Dennis	University of Alberta	Animal Science
Meleshko, Ronald	University of Alberta	Biomathematics
Mellina, Eddy	Macdonald College	Virology
Meloche, Jean	Université de Montréal	Mathématiques
Ménard, Robert	Université de Montréal	Chimie physique
Meneghini, Quirino	Université de Montréal	Mathématiques
Mercier, Odette	Université du Québec à Rimouski	Océanographie
Merlevede, William	University of British Columbia	Physics
Merritt, Robert	Dalhousie University	Biophysics
Mesa, Kathryn	University of British Columbia	Marine Ecology
Meschino, Michael	University of Toronto	Structural Engineering
Messier, Claude	McGill University	Experimental Psychology

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Meunier, Jean-Luc	Centres INRS	Physique des plasmas
Mew, Daphne	University of British Columbia	Microbiology & Immunology
Miazga, Gregory	University of Alberta	Structural Engineering
Michaud, Odile	Macdonald College	Environmental Sciences
Michaud, Yvon	Université Laval	Génie des structures
Mihaly, Steven	Tech. University of Nova Scotia	Mechanical Engineering
Miles, Michael	University of Waterloo	Earth Sciences
Milke, Doris	University of Alberta	Experimental Psychology
Miller, David	University of British Columbia	Resource Management
Millette, Louise	University of British Columbia	Civil Engineering
Milligan, Clara	McMaster University	Biology
Mills, Alexander	Carleton University	Biology
Mills, Frederick	Memorial University	Experimental Psychology
Mills, James	University of Toronto	Systems & Control Engineering
Mineau, Guy	Université de Montréal	Science de l'informatique
Minto, Karl	University of Waterloo	Systems & Control Engineering
Mirandette, Pierre	Univ. du Québec à Trois-Rivières	Sciences de l'environnement
Mishra, Pratibha	University of Windsor	Chemistry
Misra, Arvind	University of Toronto	Mechanical Engineering
Mitchell, John	Concordia University	Experimental Psychology
Mlinar, Edward	University of Toronto	Experimental Psychology
Moffat, Ian	University of British Columbia	Geology
Moizer, Andrew	Carleton University	Engineering
Moller, Michael	McMaster University	Physical Chemistry
Moloney, Cecilia	University of Waterloo	Systems Engineering
Molzahn, Frank	University of Manitoba	Theoretical Physics
Mombourquette, Michael	University of Saskatchewan	Chemistry
Monette, Stephen	Macdonald College	Horticulture
Montgomery, Craig	University of Western Ontario	Organic Chemistry
Montgrain, France	Université de Montréal	Chimie organique
Montpetit, Marie-José	Ecole Polytechnique	Sciences des communications
Mooi, Richard	University of Toronto	Zoology
Moon, Greg	University of Waterloo	Botany
Moon, Jeffrey	University of Waterloo	Animal Science
Mooney, John	University of Toronto	Computer Science
Moore, John	University of Toronto	Physical Chemistry
Moore, Robert	University of British Columbia	Mechanical Engineering
Moore, Susan	University of Waterloo	Kinesiology
Moorhouse, Guy	University of Toronto	Computer Science
Morakis, Demetrios	Queen's University	Statistics
Moresoli, Christine	McGill University	Chemical Engineering
Moreux, Vincent	Université de Montréal	Mathématiques
Morgan, Michael	University of Waterloo	Computer Science
Moride, Yola	Macdonald College	Genetics
Morin, Antoine	McGill University	Marine Ecology
Morin, Mario	Queen's University	Mining Engineering
Morin, Michel	Université Laval	Physique
Morissette, Céline	Université Laval	Microbiologie
Morris, Duncan	California Inst. of Tech.	Physics
Morrison, Roderick	University of British Columbia	Civil Engineering
Moss, David	University of Toronto	Physics
Moss, Neil	University of British Columbia	Chemistry
Mosseler, Alexander	University of Toronto	Forestry

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Mosser, Dick	University of Waterloo	Biology
Mott, Corinne	Carleton University	Biology
Moure, William	University of Alberta	Metallurgical Engineering
Moynihan, Thomas	Queen's University	Mechanical Engineering
Mueller, Christopher	McGill University	Genetics
Mugridge, Samantha-jane	University of New Brunswick	Geology
Muir, Bonnie	University of Toronto	Experimental Psychology
Munson, Alison	University of Toronto	Soil Science
Murie, Debra	University of Guelph	Marine Science
Murison, Laurie	University of Guelph	Zoology
Murphy, Kathryn	Dalhousie University	Neurobiology
Murray, Lori	University of British Columbia	Computer Science
Murtagh, Kevin	University of Toronto	Computer Science
Murty, Hema	University of Toronto	Aeronautical Engineering
Mussar, Keith	University of Waterloo	Chemistry
Myers, Robert	United States	Physics
Nabi, Ivan	Israel	Molecular Biology
Nadeau, Pierre	Université de Sherbrooke	Chimie
Nadeau-Dostie, Benoit	Université de Sherbrooke	Génie électrique
Naiman, Abraham	University of Toronto	Computer Science
Nairn, David	University of Toronto	Electrical Engineering
Nairn, Robert	Queen's University	Civil Engineering
Naxakis, Stavros	Dalhousie University	Physical Chemistry
Naylor, Brian	University of Toronto	Forestry
Naylor, David	University of Western Ontario	Mechanical Engineering
Needler, David	University of New Brunswick	Wildlife Biology
Neelin, David	United States	Geophysics
Neilson, Elizabeth	Simon Fraser University	Apiculture
Nel, Louis	University of Waterloo	Computer Science
Nelson, Judith	Simon Fraser University	Entomology
Nero, Redwood	University of Toronto	Zoology
Neufeld, Eric	University of Saskatchewan	Computer Science
Neuman, Cheryl	Queen's University	Geography
Newcombe, Anne	University of New Brunswick	Computer Science
Newman, Janice	University of Ottawa	Experimental Psychology
Ng, Wai	University of Toronto	Electrical Engineering
Nguyen, Bao	Concordia University	Mechanical Engineering
Nguyen, Cong	Université de Sherbrooke	Génie mécanique
Nguyen, Huan	Concordia University	Mechanical Engineering
Nguyen, Viet	McGill University	Mechanical Engineering
Niciejewski, Richard	University of Western Ontario	Physics
Nickells, Robert	University of Calgary	Biology
Nickerson, Bradford	United States	Computer Engineering
Nickerson, Kent	McMaster University	Electrical Engineering
Nicoll-Griffith, Deborah	University of British Columbia	Organic Chemistry
Nielsen, Kent	University of New Brunswick	Organic Chemistry
Nielsen, Lars	University of Waterloo	Engineering
Noble, Tony	University of British Columbia	Physics
Noël, Gaetan	Université Laval	Génie chimique
Nogami, Jun	United States	Physics
Nogrady, Heather	Concordia University	Experimental Psychology
Nolte, Annette	University of Guelph	Pharmacology
Nonay, Gillian	Simon Fraser University	Combinatorics & Optimization
Norman, Laurie	University of Western Ontario	Physiology

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Normand, Philippe	Université Laval	Génétique
Norrie, Duncan	United States	Civil Engineering
Novicov, Aleksey	United States	Aerospace Studies
Nowack, Roger	Queen's University	Structural Engineering
Nucciarone, Donato	University of Waterloo	Chemistry
Nunes, José	University of Toronto	Computer Science
Nursall, Alan	University of Toronto	Geography
Nuth, Peter	United States	Electronics & Elect. Eng.
Oattes, Lee	University of Toronto	Applied Mathematics
Obreiter, Eric	University of Alberta	Mechanical Engineering
Oddy, Alan	Carleton University	Mechanical Engineering
Odell, Ann	Acadia University	Biology
O'Donoughue, Louise	Macdonald College	Plant Science
Oegema, Bartley	University of Waterloo	Civil Engineering
Oehler, Uwe	University of Guelph	Organic Chemistry
Ohno, Tim	United States	Physics
Olchowy, Gerald	United States	Physics
Oliver, Brian	University of Waterloo	Physics
Olmstead, James	Carleton University	Mechanical Engineering
Olson, Lynda	University of Western Ontario	Zoology
Oltmann, Phillip	Dalhousie University	Chemistry
O'Malley, Brian	University of Calgary	Animal Science
Omeljaniuk, Robert	University of Alberta	Zoology
Onderwater, David	McMaster University	Chemical Engineering
O'Neill, Bruce	University of British Columbia	Civil Engineering
O'Reilly, Michael	Macdonald College	Microbiology
Orlando, John	McMaster University	Chemistry
Orr, Gregory	University of Waterloo	Zoology
Orshinsky, Brian	University of Saskatchewan	Plant Science
Osborne, Randy	United States	Communication Science
Osborne, Robert	McGill University	Electrical Engineering
Ostiguy, Jean-François	McGill University	Electrical Engineering
Ostroff, Jonathan	University of Toronto	Systems & Control Engineering
Otis, Lyne	Université Laval	Kinesiologie
Ouellet, Rodrigue	Université du Québec à Chicoutimi	Sciences de la terre
Ouellette, François	Université Laval	Physique
Ouellette, Michel	University of Waterloo	Physics
Ouellette, Yves	University of Western Ontario	Biology
Ovaska, Kristina	University of Victoria	Animal Science
Owen, Arthur	United States	Statistics
Owttrim, George	University of Toronto	Plant Physiology
Ozell, Benoit	Ecole Polytechnique	Mathématiques
Page, Frederick	Dalhousie University	Oceanography
Page, Shelley	Queen's University	Nuclear Physics
Painchaud, Danielle	Université de Montréal	Sciences animales
Paine, David	University of Toronto	Metallurgy & Materials Science
Palaniappan, Kannappan	University of Waterloo	Engineering
Palmeter, Maureen	Tech. University of Nova Scotia	Structural Engineering
Palumbo, Enzo	McGill University	Metallurgy
Palylyk, Claudia	University of Alberta	Genetics
Panchhi, Parmjit	University of Toronto	Physics
Pandolfo, Lionel	United States	Physics
Pang, Joseph	University of British Columbia	Electrical Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Pangalos, George	McGill University	Chemical Engineering
Pankratz, Marianne	McMaster University	Chemistry
Paquette, Francois	Univ. du Québec à Trois-Rivières	Psychologie expérimentale
Paré, Claude	Université Laval	Physique
Parent, Luc	Centres INRS	Energie
Parent, Lise	Université du Québec à Montréal	Sciences de l'environnement
Parfeniuk, Dean	University of British Columbia	Physics
Parisi, Paul	McGill University	Chemical Engineering
Parkinson, Lori	University of Waterloo	Chemical Engineering
Parnis, Jonathan	University of Toronto	Chemistry
Parpia, Zahir	University of Toronto	Engineering
Parsons, Darrell	University of Toronto	Computer Science
Parton, John	University of Toronto	Forestry
Paterson, Bruce	Tech. University of Nova Scotia	Mechanical Engineering
Paterson, Michael	United States	Biology
Paton, Steven	University of British Columbia	Animal Science
Patraboy, Timothy	Carleton University	Chemistry
Patrick, Guy	University of Waterloo	Geology
Patrick, Ronald	United States	Mechanical Engineering
Patry, Pierre	Université de Montréal	Mathématiques
Pattara, Luciano	University of Toronto	Structural Engineering
Patterson, Cameron	University of Waterloo	Structural Engineering
Patterson, Roy	United States	Geology
Patterson, Lynn	McMaster University	Physics
Paulin, Pierre	Université Laval	Génie électrique
Paulin Levasseur, M.	University of Ottawa	Biology
Paultre, Patrick	McGill University	Structural Engineering
Pawliuk, Nicole	Concordia University	Experimental Psychology
Peach, Carolyn	University of Guelph	Animal Science
Peacock, Michelle	University of Toronto	Engineering
Peel, Sydney	University of Windsor	Physics
Peer, David	University of New Brunswick	Mechanical Engineering
Pellerin, Doris	Université Laval	Génétique
Pelletier, Bertrand	Université de Montréal	Science de l'informatique
Pelletier, Claude	Université de Montréal	Physique et astrophysique
Pelletier, Claudine	Université de Montréal	Statistiques
Pelletier, Denis	Université de Moncton	Physique
Penchuk, Robert	Carleton University	Electronics & Elect. Eng.
Pennock, Daniel	Queen's University	Geography
Penty, Jane	England	Industrial Engineering
Pepin, Pierre	Dalhousie University	Marine Ecology
Perkins, Janice	Dalhousie University	Physical Education
Perkins, Sherry	Carleton University	Chemistry
Perras, Josée	Centres INRS	Géographie
Perras, Michel	Université de Montréal	Génétique
Perreault, Nicole	Université Laval	Psychologie expérimentale
Perrier, Michel	McGill University	Chemical Engineering
Perron, François	Université de Montréal	Mathématiques
Perry, Daniel	University of Alberta	Genetics
Peters, David	University of Waterloo	Combinatorics & Optimization
Peterson, Scott	United States	Engineering
Petit, Helene	Université Laval	Nutrition animale
Petrick, Douglas	University of Manitoba	Structural Engineering
Pettit, Carol-Lynne	Queen's University	Chemical Engineering
Phatak, Aloke	University of Waterloo	Chemical Engineering

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Phillips, Robert	University of Toronto	Structural Engineering
Phillips, Stephen	University of Western Ontario	Theoretical Physics
Phipps, Barry	University of Victoria	Biochemistry
Piché, Claude	Université de Montréal	Mathématiques
Picher, Jacques	Université Laval	Physique et astrophysique
Piedboeuf, Jean-Claude	Ecole Polytechnique	Génie mécanique
Piercy, Peter	University of Alberta	Physics
Piesowicz, Pawel	McGill University	Mathematics
Pilgrim, David	United States	Biology
Pilkington, Charles	University of Toronto	Electrical Engineering
Pinard, Sylvie	Université de Montréal	Géologie
Pinder, Alan	United States	Animal Physiology
Pitcher, Spencer	University of Toronto	Aerospace Engineering Science
Plamondon, Louis	Université de Montréal	Chimie organique
Plante, Claire	Université de Montréal	Biologie
Plante, Claude	University of Ottawa	Physics
Plante, Raymond	Université Laval	Chimie organique
Plantinga, Edwin	University of Toronto	Computer Science
Plaxton, William	Carleton University	Biochemistry
Pocock, Heather	University of Waterloo	Engineering
Podhorodeski, Ronald	University of Manitoba	Mechanical Engineering
Pogson, Grant	University of British Columbia	Marine Science
Poirier, Christiane	Macdonald College	Plant Science
Poirier, Nicole	McGill University	Chemical Engineering
Poirier, Claude	United States	Civil Engineering
Poisson, Michel	McGill University	Physics
Pokrant, Darryl	University of Manitoba	Agricultural Engineering
Polavarapu, Saroja	University of Toronto	Upper Atmosphere Physics
Poley, Denise	University of Calgary	Geophysics
Poliquin, René	United States	Mathematics
Polowick, Patricia	University of Saskatchewan	Plant Science
Polvani, Lorenzo	United States	Physics
Polzer, Benjamin	University of Toronto	Geophysics
Pomeroy Cloney, Lynn	University of New Brunswick	Molecular Biology
Pond, Bruce	University of New Brunswick	Engineering
Ponton, Curtis	University of Western Ontario	Experimental Psychology
Poole, Raymond	University of British Columbia	Microbiology
Popowich, Fred	University of British Columbia	Artificial Intelligence
Porretta, Frank	University of Toronto	Chemical Engineering
Porter, Elaine	York University	Experimental Psychology
Potvin, Catherine	Duke University	Botany
Potvin, Jean-Yves	Université de Montréal	Recherches opérationnelles (math)
Potvin, Richard	University of Toronto	Civil Engineering
Poulin, Carmen	Queen's University	Experimental Psychology
Poulin, Danielle	University of British Columbia	Molecular Biology
Poulin, Neal	University of British Columbia	Physics
Pouliot, Jean	Université Laval	Physique nucléaire
Poumbouras, George	United States	Structural Engineering
Poupart, Marc-André	Université de Montréal	Chimie
Power, Joan	Concordia University	Chemistry
Pratt, Timothy	University of Toronto	Mechanical Engineering
Preiss, Bruno	University of Toronto	Electrical Engineering
Prendergast, John	Dalhousie University	Genetics

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Pressnail, Kim	University of Toronto	Civil Engineering
Preston, John	University of Toronto	Nuclear Physics
Preugschat, Frank	United States	Biology
Prevost, Louise	Université de Montréal	Psychologie expérimentale
Price, Doris	University of Guelph	Plant Pathology
Price, Jeffrey	University of Toronto	Material Science
Price, Neil	University of British Columbia	Plant Physiology
Pries, Werner	University of Manitoba	Electronics & Elect. Eng.
Prion, Helmut	University of Toronto	Structural Engineering
Prior, Glen	Laurentian University	Earth Sciences
Privé, Gilbert	United States	Physical Chemistry
Propp, David	University of Toronto	Computer Science
Protsko, Laura	University of Saskatchewan	Computer Science
Proulx, Robert	Université de Montréal	Psychologie expérimentale
Provost, Daniel	Concordia University	Physics
Pruneau, Claude	Université Laval	Physique nucléaire
Prydun, Mark	University of Manitoba	Mineral Engineering
Prystajecky, Ann	University of Alberta	Engineering
Przybylski, Steven	United States	Systems Engineering
Pudney, Christopher	University of Waterloo	Management Science & Operation Research
Purssell, Tanis	University of British Columbia	Geological Engineering
Putnam, Ian	United States	Mathematics
Putt, Mary	University of Waterloo	Botany
Pyshnov, Michael	University of Toronto	Genetics
Pytura, Marc	University of Ottawa	Communication Science
Quinn, Jeffrey	University of Guelph	Crop Science
Quiring, Daniel	Université Laval	Entomologie
Quirion, François	Université de Sherbrooke	Chimie
Rafuse, Christene	Macdonald College	Plant Science
Ragauskas, Arthur	University of Western Ontario	Organic Chemistry
Ragde, Prabhakar	United States	Computer Science
Ram, Shiva	University of Toronto	Engineering
Rancourt, Jean	Université de Montréal	Chimie organique
Rancourt, Denis	University of Toronto	Physics
Randall, Janis	University of Guelph	Nutrition
Rasmussen, Patricia	University of Toronto	Earth Sciences
Ratté, Gilles	Université Laval	Génie électrique
Rattray, Bruce	University of British Columbia	Marine Ecology
Ravenhurst, Casey	Dalhousie University	Geophysics
Ravenhurst, William	University of Western Ontario	Geophysics
Raw, Michael	University of Waterloo	Applied Mathematics
Rawlings, Mark	University of Windsor	Mechanical Engineering
Raymond, Bruce	Dalhousie University	Marine Science
Raymond, Eileen	Université Laval	Génie biochimique
Raymond, Johanne	Université du Québec à Montréal	Psychologie expérimentale
Rea, Kevin	McGill University	Electrical Engineering
Redmond, Edward	University of Toronto	Engineering
Redston, Mark	Queen's University	Experimental Psychology
Regier, Philip	University of Waterloo	Chemistry
Regnier, Jean	United States	Electrical Engineering
Reich, Ariel	United States	Physics
Remillard, Bruno	Université Laval	Mathématiques
Rémillard, Gilbert	University of Toronto	Aeronautical Engineering
Rempel, Robert	University of Waterloo	Marine Ecology
Renaud, Fabien	Université du Québec à Montréal	Mathématiques

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Renaud, Pierre-Richard	Ecole Polytechnique	Génie biomédical
Rendell, John	University of British Columbia	Physical Chemistry
Reuber, A	Queen's University	Management & Systems Eng.
Reynolds, John	Queen's University	Biology
Reynolds, Meritt	University of British Columbia	Physics & Meteorology
Rhymer, Judith	United States	Ornithology
Ribeiro, A. Paula	York University	Biology
Ribner, David	Carleton University	Electronics & Elect. Eng.
Ricciuti, Rick	McMaster University	Structural Engineering
Rice, Ellen	Australia	Marine Science
Richard, Louise	Université Laval	Nutrition
Richard, Lucie	Université Laval	Psychologie expérimentale
Richard, Nathalie	Université de Montréal	Physique
Richardson, Jennifer	University of Victoria	Microbiology & Immunology
Richardson, John	University of British Columbia	Zoology
Richardson, Luc	Ecole Polytechnique	Génie électrique
Richardson, Thomas	University of Toronto	Systems & Control Engineering
Richman, Lisa	University of Toronto	Marine Ecology
Richter, Conrad	University of Toronto	Botany
Riddell, Kenneth	University of Alberta	Soil Science
Ridgway, Mark	Queen's University	Nuclear Physics
Ridsdale, Garfield	Simon Fraser University	Computer Science
Riediger, Cynthia	University of British Columbia	Geochemistry & Mineralogy
Riemland, Elly	Brock University	Chemistry
Riley, Edward	University of Pennsylvania	Zoology
Rioux, Hélène	Univ. du Québec à Trois-Rivières	Sciences de l'environnement
Rioux, Pierre	Ecole Polytechnique	Science des matériaux
Rioux, Sylvie	Université Laval	Génétique
Riseborough, Daniel	Carleton University	Geography
Ritcey, Stephen	Dalhousie University	Physics
Ritchie, Brian	University of Western Ontario	Organic Chemistry
Ritchie, David	Simon Fraser University	Resource Management
Rivest, Chantal	McGill University	Meteorology
Rivin, Igor	United States	Mathematics
Robblee, Nancy	University of Toronto	Nutrition
Roberge, André	University of British Columbia	Physics
Roberge, Claude	Université de Sherbrooke	Nutrition
Roberge, Michel	Germany	Biology
Robert, André	Université de Montréal	Géographie
Robert, Sylvain	Univ. du Québec à Trois-Rivières	Biophysique
Roberts, Gordon	University of Toronto	Electronics & Elect. Eng.
Roberts, James	University of Waterloo	Mathematics
Roberts, Linda	United States	Experimental Psychology
Robertson, Andrew	McMaster University	Engineering
Robertson, Barbara	Dalhousie University	Psychology
Robertson, Beverley	University of Oxford	Mechanical Engineering
Robertson, Masumi	University of Manitoba	Horticulture
Robichaud, Edgar	University of New Brunswick	Forestry
Robinson, Gilbert	McMaster University	Experimental Psychology
Robinson, Paul	University of Manitoba	Plant Physiology
Rochford, Joseph	Concordia University	Experimental Psychology
Rochford, Peter	University of Toronto	Physics
Roddy, Michael	McMaster University	Mathematics
Rodger, James	Queen's University	Experimental Psychology

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Rogers, Michael	United States	Geophysics
Rogers, Michael	University of Manitoba	Computer Science
Rogers, Timothy	University of Toronto	Physics
Roland, Christopher	McGill University	Physics
Roland, Jens	University of British Columbia	Zoology
Rolko, Michael	University of Toronto	Engineering
Rollins, David	United States	Applied Mathematics
Rolls, Wesley	University of Ottawa	Polymer Chemistry
Rommens, Johanna	University of New Brunswick	Molecular Biology
Roney, Michael	McGill University	Physics
Roopchand, Denver	University of Toronto	Engineering
Root, John	University of Guelph	Physics & Chemistry
Rose, Alan	York University	Microbiology
Rose, Jonathan	University of Toronto	Electrical Engineering
Rose, Perry	McGill University	Mechanical Engineering
Rosenbaum, Wilfred	University of Waterloo	Mathematics & Computer Centre
Ross, Linda	York University	Biochemistry
Ross, Michael	Carleton University	Engineering
Ross, Patricia	University of Toronto	Biology
Roulet, Nigel	McMaster University	Geography
Rousseau, François	Centres INRS	Energie
Rowley, Peter	University of Toronto	Computer Science
Roy, Marc-Andre	Université de Sherbrooke	Géographie
Roy, Marie-Sylvie	Université de Montréal	Psychologie expérimentale
Roy, René	Université de Montréal	Géographie
Roy, Bernard	Université de Sherbrooke	Chimie organique
Roy-Arcand, Line	Ecole Polytechnique	Sciences biologiques
Rozon, Francis	University of British Columbia	Nuclear Physics
Rudolph, David	University of Waterloo	Engineering
Ruel, Jean-Claude	Université Laval	Sylviculture
Ruohoniemi, Michael	University of Western Ontario	Upper Atmosphere Physics
Russell, Ronald	University of Windsor	Biology
Rutherford, Alexander	University of British Columbia	Physics
Rutten, Henrietta	Queen's University	Biochemical Engineering
Ryan, Catherine	Carleton University	Experimental Psychology
Ryan, Jennifer	United States	Combinatorics & Optimization
Saabas, H. John	University of Waterloo	Mechanical Engineering
Sabourin, André	Université de Montréal	Mathématiques
Saeger, Roland	University of Calgary	Chemical Engineering
Saindon, Gilles	Université Laval	Ecologie végétale
Sainte-Marie, Bernard	Dalhousie University	Ichthyology & Herpetology
Saint-Laurent, Diane	Université de Montréal	Pédologie
Salcudean, Septimiu	United States	Electrical Engineering
Saleh, Resve	United States	Electrical Engineering
Salesse, Christian	Univ. du Québec à Trois-Rivières	Biophysique
Salmon, Ronald	University of Alberta	Genetics
Salt, Eric	University of Saskatchewan	Communication Science
Samson, Brian	University of British Columbia	Civil Engineering
Samson, Thomas	Université de Montréal	Physique
Samurkas, Tony	McGill University	Chemical Engineering
Sanborn, Paul	University of British Columbia	Soil Science
Sanderson, Laura	Queen's University	Organic Chemistry
Sanfacon, Helene	Université Laval	Biologie moléculaire

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Sangster, Robert	University of Toronto	Physics
Sanielevici, Mihaela	McGill University	Physics
Sanielevici, Sergiu	McGill University	Physics
Sansregret, Jean-Luc	Université Laval	Ecologie marine
Santry, Linda	University of Toronto	Organic Chemistry
Sarraf, Yasamin	McMaster University	Statistics
Sarrazin, Lise	Université du Québec à Montréal	Psychologie expérimentale
Sarrazin, Pierre	Université de Montréal	Mathématiques
Sato, James	University of Toronto	Structural Engineering
Saucier, Isabelle	Université de Montréal	Ecologie végétale
Savard, Gilles	Ecole Polytechnique	Mathématiques
Savaria, Yvon	McGill University	Communication Science
Savoie, Armand	Ecole Polytechnique	Géologie
Sawchuk, Lynne	University of British Columbia	Nutrition
Schaller, Michael	McMaster University	Virology
Schalm, Michael	University of Manitoba	Animal Nutrition
Schaufele, Frederick	Switzerland	Biology
Scher, Hal	University of Toronto	Experimental Psychology
Schieck, James	University of Western Ontario	Zoology
Schindler, Dwayne	Concordia University	Experimental Psychology
Schisler, Nicholas	University of Western Ontario	Genetics
Schleifer, Wayne	University of Toronto	Structural Engineering
Schlesinger, Tuviah	United States	Physics
Schmidt, Hilary	United States	Experimental Psychology
Schmidt, Jonathan	University of Toronto	Biology
Schmok, Jeffrey	University of British Columbia	Geography
Schmuland, Byron	Carleton University	Statistics
Schneider, Christian	University of Manitoba	Electrical Engineering
Schneider, Roland	University of Manitoba	Electrical Engineering
Schnekenburger, Frank	Lakehead University	Forestry
Schnider, Steve	University of Toronto	Electrical Engineering
Schober, Renate	York University	Experimental Psychology
Schoeler, Peter	University of Toronto	Engineering
Scholl, Timothy	University of Western Ontario	Nuclear Physics
Schreier, Richard	University of Toronto	Electrical Engineering
Schriver, Melbourne	University of New Brunswick	Chemistry
Schulman, Daniel	University of Waterloo	Oceanography
Schultz, Caroline	University of Toronto	Botany
Schwan, Adrian	McMaster University	Chemistry
Schwartz, Sandra	Concordia University	Experimental Psychology
Scinocca, Paul	University of Waterloo	Structural Engineering
Scott, Brian	University of Waterloo	Engineering
Scott, John	University of Western Ontario	Organic Chemistry
Scott, Peter	University of Waterloo	Structural Engineering
Scott, Paula	McGill University	Marine Science
Seah, Sin	University of Manitoba	Computer Science
Sears, Margaret	McGill University	Biochemical Engineering
Seary, James	Queen's University	Electrical Engineering
Secco, Richard	University of Western Ontario	Geophysics
Secord, James	University of New Brunswick	Surveying Engineering
Segard, Sylvain	Simon Fraser University	Resource Management
Séguin, Marie-France	University of Ottawa	Physiology
Seguin, Vern	University of Alberta	Nuclear Physics
Seidl, Peter	United States	Nuclear Physics
Seifert, Keith	Netherlands	Botany

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Selen, Mats	United States	Physics
Selles, Fernando	University of Saskatchewan	Soil Science
Senecal, Louis	Université de Montréal	Génie des structures
Senechal, Gerard	University of New Brunswick	Energy
Senechal, Monique	Université de Moncton	Psychologie expérimentale
Sengupta, Jay	University of Waterloo	Engineering
Severn, Shawn	University of Waterloo	Microbiology
Seymour, Richard	McMaster University	Physics
Shalmon, Michael	McGill University	Electrical Engineering
Sharma, Mrinal	McGill University	Organic Chemistry
Shaw, Gary	McMaster University	Organic Chemistry
Shaw, Jean-François	University of British Columbia	Mathematics
Shaw, Randall	University of Alberta	Zoology
She, Jairus	University of British Columbia	Structural Engineering
Shegelski, Mark	University of British Columbia	Physics
Shera, Deborah	University of Victoria	Experimental Psychology
Shields, Catherine	University of Manitoba	Zoology
Shipley, William	University of Ottawa	Biology
Shore, Joel	University of Toronto	Botany
Shubat, Alexander	University of Toronto	Electrical Engineering
Shum, David	University of Manitoba	Mechanical Engineering
Shushkewich, Kenneth	University of Alberta	Structural Engineering
Sider, Marc	Ecole Polytechnique	Chimie
Simard, Benoit	University of Saskatchewan	Physical Chemistry
Simard, Claire	Université Laval	Biologie moléculaire
Simard, Michel	Université de Montréal	Chimie inorganique
Simmons, Alexandra	McGill University	Chemistry
Simmons, Stanley	Queen's University	Engineering
Simoneau, Claudie	Université de Montréal	Biophysique
Simoneau, Jean-Aimé	Université Laval	Génétique
Simoneau, Bruno	Université Laval	Chimie
Simons, Rodney	University of Toronto	Chemical Engineering
Simpson, Daniel	Université Laval	Psychologie expérimentale
Simpson, William	University of Toronto	Experimental Psychology
Sinclair, Leslie	University of Toronto	Mechanical Engineering
Sinervo, Juha-Pekka	United States	Physics
Sing, Robert	McGill University	Chemistry
Singh, Marsha	University of Toronto	Physics
Singh, David	University of Ottawa	Theoretical Physics
Sirin, Ari	University of Waterloo	Kinesiology
Sirois, Yves	McGill University	Physics
Sivilotti, Massimo	United States	Electronics & Elect. Eng.
Slagerman, Gordon	University of Manitoba	Mechanical Engineering
Slasor, Peter	University of Toronto	Statistics
Slawson, Frederick	Simon Fraser University	Computer Science
Slipp, Leonard	University of New Brunswick	Computer Science
Sloan, John	University of Toronto	Physics
Smereka, Peter	United States	Nuclear Engineering
Smit, Patricia	University of Guelph	Nutrition
Smith, Andrew	University of Waterloo	Biomedical Engineering
Smith, Barbara	University of Toronto	Biomedical Engineering
Smith, Carolyn	United States	Computer Science
Smith, Dale	Dalhousie University	Marine Science
Smith, Geoffrey	University of British Columbia	Experimental Psychology
Smith, Steven	University of Ottawa	Biology

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Smith, Stuart	University of Toronto	Organic Chemistry
Smith, Sandra	University of Toronto	Forestry
Smith, William	Dalhousie University	Geology
Snutch, Terry	Simon Fraser University	Molecular Biology
Snyder, Joyce	United States	Woodlot Management
Sobolewski, Andre	University of British Columbia	Biology
Soderman, Kristopher	University of Western Ontario	Geological Engineering
Sollows, Ken	University of New Brunswick	Mechanical Engineering
Somers, Peter	University of Manitoba	Computer Science
Sommerfeldt, Carl	University of Toronto	Physics
Soteros, Christine	United States	Applied Mathematics
Southern, Blair	University of Western Ontario	Engineering
Sparks, Douglas	University of British Columbia	Civil Engineering
Sparling, Bruce	University of Saskatchewan	Structural Engineering
Sparling, Richard	United States	Microbiology
Spivak, Karen	Concordia University	Experimental Psychology
Spragg, Terrance	University of New Brunswick	Electrical Engineering
St. Georges, Michel	Ecole Polytechnique	Génie mécanique
Stacey, Simon	University of British Columbia	Genetics
Stahl, Hubert	Laurentian University	Zoology
Stanislawczyk, Victor	McMaster University	Chemical Engineering
Stanley, Jacqueline	Laurentian University	Biochemistry
Stapells, David	University of Ottawa	Experimental Psychology
Stark, Heather	United States	Experimental Psychology
Stark, Shane	University of Toronto	Engineering
Starr, Michel	Université Laval	Océanologie
Stashuk, Daniel	McMaster University	Electrical Engineering
Steele, Thomas	University of Alberta	Theoretical Physics
Steele, Douglas	University of Toronto	Engineering
Steenhuis, Runa	University of Western Ontario	Experimental Psychology
Stefurak, Glenn	University of Waterloo	Mechanical Engineering
Stehwien, Wolfgang	McMaster University	Electrical Engineering
Stein, Michael	University of British Columbia	Physics
Steiner, Tom	Simon Fraser University	Physics
Stelfox, Brad	University of Alberta	Animal Science
Stephan, Walter	McMaster University	Physics
Stephens, Allan	University of Manitoba	Computer Science
Stephenson, John	University of Western Ontario	Biochemical Engineering
Stergiopoulos, Victoria	University of Toronto	Chemistry
Stevenson, Gordon	University of Regina	Computer Science
Stevenson, Glen	University of Alberta	Mechanical Engineering
Stevenson, Ross	McGill University	Geology
Stewart, Alan	Tech. University of Nova Scotia	Metallurgy
Stewart, Kathleen	University of British Columbia	Geography
Stewart, Peter	Memorial University	Geology
St-Georges, Denis	Ecole Polytechnique	Energie
St-Germain, François	McGill University	Physical Chemistry
Stiver, Warren	University of Toronto	Chemical Engineering
St-Marseille, Pierre	Macdonald College	Entomology
Stocker, Rudolf	University of Calgary	Chemical Engineering & Petroleum
Stoehr, Michael	Lakehead University	Forestry
Stojanov, Emoke	York University	Experimental Psychology
Stokl, Caroline	McGill University	Chemistry
Stolow, Albert	University of Toronto	Chemical Physics
Stone, David	Queen's University	Civil Engineering

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Stossel, Daniel	McGill University	Chemistry
Stoyenko, Alexander	University of Toronto	Computer Science
Stratigakos, Artemis	University of Guelph	Plant Pathology
Stretton, Arthur	United States	Mechanical Engineering
Strickland, Donna	United States	Physics
Strik, Bernadine	University of Guelph	Horticulture
Strothotte, Thomas	University of Waterloo	Computer Science
Struthers, Graham	Simon Fraser University	Psychology
Stuart, Deborah	University of Western Ontario	Experimental Psychology
Stuber, Gordon	University of Waterloo	Engineering
Stubina, Nathan	University of Toronto	Metallurgy
Studd, Michael	Queen's University	Animal Science
Studenny, John	McGill University	Electrical Engineering
Sturtevant, Terrance	University of Waterloo	Physics
Sue Tang, Alexander	University of Toronto	Engineering
Sullivan, Brian	University of British Columbia	Physics
Sulpizio, Ezio	University of Toronto	Plasma Physics
Sulston, Kenneth	University of Waterloo	Applied Mathematics
Summerbell, Richard	University of Toronto	Botany
Sutherland, Bruce	University of Alberta	Inorganic Chemistry
Sutherland, Ross	University of Toronto	Geography
Suttill, Terri-Ann	University of Victoria	Plant Science
Swanson, Glenn	Queen's University	Electrical Engineering
Sweeney, Jonathan	University of British Columbia	Entomology
Sweeney, Michael	University of Waterloo	Computer Science
Sylvain, Gaston	Université Laval	Génétique
Sylvester, Carol	University of Toronto	Zoology
Szabo, Jeffrey	University of Guelph	Chemistry
Szabo, Kevin	University of Waterloo	Electrical Engineering
Szabo, Steven	University of Guelph	Crop Science
Szabo, Stephen	University of Toronto	Biology
Szalay, Thomas	University of British Columbia	Civil Engineering
Szatmari, George	McGill University	Genetics
Szeto, Kwok	United States	Theoretical Physics
Szostak, Carolyn	University of British Columbia	Experimental Psychology
Sztrimbely, William	University of Waterloo	Engineering
Szuba, Kandyd	University of Toronto	Forestry
Szymanski, Ted	University of Toronto	Electrical Engineering
Tagger, Aaron	University of Toronto	Microbiology
Takeda, April	McMaster University	Experimental Psychology
Tallman, Ross	University of British Columbia	Zoology
Tam, Micah	University of British Columbia	Civil Engineering
Tam, Raymond	University of Waterloo	Computer Science
Tan, Phalkun	United States	Geological Engineering
Tanchak, Michael	University of Saskatchewan	Plant Physiology
Tanner, Kendall	University of Waterloo	Mathematics
Tanner, Thomas	Tech. University of Nova Scotia	Engineering
Tarr, Allan	University of Manitoba	Physical Chemistry
Tashiro, Colleen	McMaster University	Chemistry
Tashiro, Kelvin	McMaster University	Material Science
Tata, Viswanath	Concordia University	Mechanical Engineering
Taylor, Barry	University of Calgary	Marine Ecology
Taylor, Colette	University of Toronto	Mechanical Engineering
Taylor, Ivan	Carleton University	Systems Engineering
Taylor, Mary	University of Manitoba	Agriculture

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Taylor, Paul	University of British Columbia	Civil Engineering
Taylor, Sharon	Queen's University	Geophysics
Taylor, Thomas	McMaster University	Elec. Eng. & Computer Eng.
Terrillon, Jean-Christoph	Université de Montréal	Biophysique
Thacker, Donald	Queen's University	Geography
Theberge, Pierre	University of Waterloo	Civil Engineering
Theriault, Allan	University of Alberta	Environmental Sciences
Thériault, François	University of Calgary	Chemical Engineering & Petroleum
Theriault, James	Dalhousie University	Mathematics
Therrien, Pierre	University of British Columbia	Entomology
Therrien, Pierre	Université Laval	Géologie
Thewalt, Christopher	United States	Structural Engineering
Thibault, Marc-André	Université du Québec à Chicoutimi	Génie des systèmes
Thibault, Pierre	Université de Montréal	Géochimie et minéralogie
Thiffault, Johanne	McGill University	Computer Science
Thistle, John	University of Toronto	Systems & Control Engineering
Thomas, Andrew	University of British Columbia	Oceanography
Thomas, Brian	University of British Columbia	Engineering
Thomas, Philip	McMaster University	Electrical Engineering
Thomas, Daniel	University of Toronto	Physical Chemistry
Thomassin, Danielle	Centres INRS	Eau
Thompson, Bernard	England	Mathematics
Thompson, Katherine	University of New Brunswick	Organic Chemistry
Thompson, Mary	University of Toronto	Experimental Psychology
Thompson, Stephen	University of New Brunswick	Chemistry
Thompson, William	Queen's University	Experimental Psychology
Thomson, Barbara	Simon Fraser University	Environmental Sciences
Thomson, Brent	University of British Columbia	Entomology
Thomson, Douglas	University of Manitoba	Physics
Thomson, Neil	University of Waterloo	Civil Engineering
Thorburn, Mark	Tech. University of Nova Scotia	Operation Research
Thorleifson, L. Harvey	United States	Geology
Thorne, Robert	United States	Electrical Engineering
Thornton, D. Craig	University of Toronto	Experimental Psychology
Thorpe, Steven	University of Toronto	Metallurgy
Thurtell, John	United States	Physics
Tibshirani, Robert	United States	Statistics
Tiller, Dale	England	Experimental Psychology
Tilsner, Heidy	University of British Columbia	Plant Science
Tippett, Kathryn	University of British Columbia	Mathematics
Tipping, Elizabeth	York University	Plant Ecology
Tisch, Roland	University of Toronto	Microbiology & Immunology
Todd, Bruce	University of Alberta	Chemistry
Todd, Terence	University of Waterloo	Electrical Engineering
Toivonen, Peter	Simon Fraser University	Plant Physiology
Tolias, Peter	McGill University	Genetics
Tomcej, Raymond	University of Alberta	Chemical Engineering
Tomczuk, Randal	University of Manitoba	Computer Science
Tompkins, Arlene	University of British Columbia	Fisheries
Toneatto, Tony	McGill University	Experimental Psychology
Toneff, Janine	University of British Columbia	Structural Engineering
Toneguzzo, Diego	University of Toronto	Structural Engineering
Topp, Edward	United States	Microbiology

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Totman, Ian	University of Toronto	Mechanical Engineering
Tourigny, Guy	Simon Fraser University	Biological Science
Tovstiga, George	Switzerland	Chemical Engineering
Townsend, David	United States	Biology
Townshend, Brent	United States	Engineering
Tran, Francis	McMaster University	Nuclear Engineering
Tratnik, Mike	University of Toronto	Theoretical Physics
Travers, David	University of Waterloo	Mechanical Engineering
Trebble, Mark	University of Calgary	Chemical Engineering
Tremblay, Alain	Université du Québec à Montréal	Géologie
Tremblay, Daniel	Université Laval	Physique nucléaire
Tremblay, Gaétan	Université Laval	Zootechnologie
Tremblay, Pierre	Université Laval	Génie électrique
Tremblay, Pierre	United States	Mathematics
Tremblay, Serge	Macdonald College	Agricultural Engineering
Treml, Theodore	University of Toronto	Physics
Treuer, Robert	McGill University	Computer Engineering
Trick, Lana	University of Western Ontario	Experimental Psychology
Triggs, Barbara	University of Manitoba	Genetics
Trimble, Laird	University of Alberta	Chemistry
Tripp, Carl	University of Ottawa	Chemistry
Trochu, Francois	Ecole Polytechnique	Génie civil
Tromp, John	United States	Chemical Physics
Trottier, Howard	McGill University	Theoretical Physics
Trottier, Jacques	Ecole Polytechnique	Génie minier
Trudeau, Michel	Université de Montréal	Physique
Trudel, Anne	McMaster University	Nuclear Physics
Trudel, André	University of Waterloo	Computer Science
Trudelle-Abraham, M.	Université de Montréal	Chimie physique
Tsai, John	United States	Theoretical Physics
Tschaplinski, Timothy	University of Toronto	Forestry
Tse, Lawrence	United States	Electrical Engineering
Tseng, Paul	United States	Operation Research (Math)
Tucker, Robert	Queen's University	Mining Engineering
Tuckerman, Robert	University of Toronto	Zoology
Tufts, Bruce	Acadia University	Physiology
Tumidajski, Peter	University of Toronto	Metallurgy
Turchan, Mark	University of Waterloo	Systems Engineering
Turcotte, Bernard	Université de Sherbrooke	Mécanique des sols
Turcotte, Ginette	University of Western Ontario	Biochemical Engineering
Turyk, Peter	University of Waterloo	Engineering
Twaites, Kenneth	University of Toronto	Computer Science
Tyler, William	University of Waterloo	Mechanical Engineering
Uggowitzer, Peter	McGill University	Organic Chemistry
Unger, William	University of Toronto	Mechanical Engineering
Urquhart, Kenneth	Simon Fraser University	Physics
Urrutia, Soledad	Macdonald College	Animal Science
Usman, Nassim	McGill University	Chemistry
Vaage, Alan	University of British Columbia	Animal Nutrition
Vachon, Michel	University of Waterloo	Engineering
Vachon, Paris	University of British Columbia	Oceanography
Vaillancourt, Jean	Carleton University	Mathematics
Valenta-Darvesh, K. E.	University of New Brunswick	Chemistry
Valente, Giovanna	Dalhousie University	Chemistry
Valeriote, Matthew	United States	Mathematics

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Valk, Eric	University of Alberta	Electrical Engineering
Vallée, Luc	McGill University	Structural Engineering
Vallée, Marc-Alex	Ecole Polytechnique	Géophysique
Vallée, Réal	Université Laval	Physique
Vallee, Richard	Carleton University	Electrical Engineering
Van Aerde, Michel	University of Waterloo	Civil Engineering
Van Cruyningen, Ike	Cornell University	Mechanical Engineering
Van Dalen, Anthony	University of Chicago	Physics
Van de Walle, Benoit	Université de Montréal	Géographie
Van Den Hurk, Sylvia	University of Saskatchewan	Veterinary Microbiology
Van Everdingen, David	University of Waterloo	Geology
Van Nostrand, Edward	University of British Columbia	Physics
Van Staal, Cees	University of New Brunswick	Geology
Van Stempvoort, Dale	McGill University	Geology
Van Vliet, Mark	Concordia University	Mechanical Engineering
Van Calsteren, Marie	University of Ottawa	Organic Chemistry
Vanderburgh, Daryl	University of Guelph	Parasitology
Vandernoot, Theodore	Carleton University	Chemistry
Vassos, Troy	University of British Columbia	Civil Engineering
Vaughan, Margaret-Anne	University of Alberta	Chemistry
Vaz, Anthony	University of Toronto	Systems & Control Engineering
Veilleux, Christian	Ecole Polytechnique	Génie physique
Veilleux, Mario	Ecole Polytechnique	Génie des structures
Veregin, Richard	University of Guelph	Nuclear Chemistry
Verhagen, Frank	University of Alberta	Electrical Engineering
Versavel, Patrick	University of Manitoba	Agricultural Engineering
Vertatschitsch, Edward	McMaster University	Communication Science
Vessey, Joseph	Queen's University	Physiology
Vetterli, Michel	McMaster University	Nuclear Physics
Vezeau, Carole	Université de Montréal	Psychologie expérimentale
Vezina, Paul	Concordia University	Experimental Psychology
Vice, Susan	University of Waterloo	Organic Chemistry
Viel, Guy	Université de Sherbrooke	Biologie
Vigneault, Gilles	Dalhousie University	Marine Science
Villemaire, Roger	Université de Montréal	Mathématiques
Villemure, Gilles	University of Ottawa	Chemistry
Villeneuve, Bernard	Université Laval	Génie électrique
Villeneuve, Michel	University of New Brunswick	Forestry
Vincent, Beverly	Dalhousie University	Inorganic Chemistry
Vincent, Elisabeth	University of Saskatchewan	Botany
Vincent, Pierre	Université de Sherbrooke	Géographie
Vineberg, Karen	McMaster University	Physics
Virtue, Clarence	University of British Columbia	Physics
Visentin, Terry	University of Waterloo	Mathematics
Vist, Margus	University of Guelph	Physical Chemistry
Vitali, Vanda	University of Toronto	Material Science
Von Hoyningen Huene, B.	Macdonald College	Soil Mechanics
Von Rudloff, Robert	University of Victoria	Astronomy
Voulelikas, George	McGill University	Mechanical Engineering
Vreeswijk, Wilhelmina	Simon Fraser University	Resource Management
Waddell, David	University of British Columbia	Forestry
Wadleigh, Moire	McMaster University	Geology
Wagler, Randy	Queen's University	Chemical Engineering
Wagner, Alan	University of Toronto	Computer Science

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Wagner, Kenneth	United States	Systems Engineering
Walde, Sandra	University of Calgary	Marine Ecology
Walker, Daniel	McGill University	Geochemistry & Mineralogy
Walker, Selena	University of Ottawa	Experimental Psychology
Walker, Ian	Simon Fraser University	Biology
Walkey, David	University of Calgary	Engineering
Wall, Mary	Queen's University	Experimental Psychology
Wallace, Derek	Dalhousie University	Marine Science
Wallace, Elaine	Dalhousie University	Forestry
Wallace, John	University of Western Ontario	Biochemical Engineering
Wallace, Julia	University of British Columbia	Medical Physics
Walli, Gary	University of Toronto	Civil Engineering
Walton, Mark	McGill University	Physics
Wand, Andrew	United States	Biophysics
Wang, Deborah	United States	Engineering
Ward, Blake	United States	Artificial Intelligence
Ward, Helen	University of British Columbia	Physiological Optometry
Ward, Michael	United States	Mathematics & Statistics
Wardle, Aileen	Simon Fraser University	Biological Science
Wardle, Geoffrey	Carleton University	Electronics & Elect. Eng.
Waring, Linda	McMaster University	Mechanical Engineering
Warkentin, James	University of Alberta	Engineering
Wassink, Berend	University of British Columbia	Organic Chemistry
Wasson, Barbara	University of Waterloo	Computer Science
Watelet, Luc	University of Ottawa	Statistics
Watkins, Gillian	England	Meteorology
Watkins, Simon	Simon Fraser University	Physics
Watkins, William	University of Alberta	Animal Science
Watson, Martha	University of Alberta	Civil Engineering
Watt, William	University of New Brunswick	Forestry
Wayner, Danial	Dalhousie University	Chemistry
Weaver, Cheryl	Queen's University	Molecular Biology
Weaver, Linda	Tech. University of Nova Scotia	Electrical Engineering
Weaver, Patricia	University of Manitoba	Biology
Webb, Donald	University of British Columbia	Oceanography
Weber, Elke	United States	Experimental Psychology
Webster, Arthur	Queen's University	Electrical Engineering
Weddell, Grant	University of Toronto	Computer Science
Weichman, Peter	United States	Physics
Weingartshofer, André	McMaster University	Physics
Weir, Douglas	Queen's University	Physical Chemistry
Weiss, Jeffrey	University of Toronto	Biomedical Engineering
Wellon, George	University of New Brunswick	Chemical Engineering
Wellsch, Kenneth	University of Waterloo	Computer Science
Wenn, Jeffrey	University of Western Ontario	Computer Science
Wentzell, Peter	United States	Chemistry
Wentzell, Paul	University of New Brunswick	Mechanical Engineering
Wessel, Silvia	Simon Fraser University	Energy
Westwood, Jon	United States	Biology
Wheeler, John	University of Toronto	Aeronautical Engineering
Whitcombe, Todd	University of Victoria	Chemistry
White, Dorothy	University of Waterloo	Experimental Psychology
White, Graham	University of Windsor	Chemistry
White, John	United States	Biological Chemistry
White, Michael	University of British Columbia	Plant Science & Biochemistry

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Whittall, Kenneth	University of British Columbia	Geophysics
Whoriskey, Frederick	Université Laval	Biologie
Wickham, Susan	University of Guelph	Zoology
Wickman, Marise	University of British Columbia	Silviculture
Wieland, Linda	University of Ottawa	Experimental Psychology
Wigle, Ian	McMaster University	Chemistry
Wilfong, Gordon	United States	Computer Science
Wilkin, Alain	Univ. du Québec à Trois-Rivières	Chimie
Wilkinson, David	University of Ottawa	Chemistry
Williams, Douglas	United States	Experimental Psychology
Williams, Terrence	Concordia University	Experimental Psychology
Williamson, James	University of Toronto	Physical Chemistry
Williamson, Sherrie	University of British Columbia	Experimental Psychology
Willis, Jocelyn	McGill University	Physical Chemistry
Willis, Ronald	University of Alberta	Electrical Engineering
Willmot, Gordon	University of Waterloo	Statistics
Wilson, Brian	University of Alberta	Metallurgical Engineering
Wilson, Hélène	Ecole Polytechnique	Géologie
Wilson, Lucie	Centres INRS	Chimie
Wilson, Lucy	France	Anthropology & Archaeology
Winthrop, Donna	McMaster University	Chemical Engineering
Wirsching, Beverly	Queen's University	Experimental Psychology
Wirsz, Douglas	University of British Columbia	Chemistry
Wishart, Paul	University of New Brunswick	Molecular Biology
Witzke, Kenneth	University of British Columbia	Electrical Engineering
Wolf, Detlef	University of Toronto	Geophysics
Wolfe, Barbara	University of Guelph	Physiology
Wolfe, Elizabeth	McGill University	Biochemical Engineering
Wolfe, Sean	University of Saskatchewan	Plasma Physics
Wolkow, Robert	University of Toronto	Chemistry
Wong, Chi-Wah	Concordia University	Electrical Engineering
Wong, Hector	University of Toronto	Physical Chemistry
Wong, Ka	University of Toronto	Aerospace Studies
Wong, Luh	Queen's University	Metallurgy
Wong, Margaret	University of Toronto	Chemistry
Wong, Puiwing	University of Waterloo	Applied Mathematics
Wong, Susan	University of New Brunswick	Chemical Engineering
Wong, Terry	United States	Engineering
Wong, Stephen	University of Toronto	Electrical Engineering
Woods, Michael	United States	Physics
Woolaver, Anne	Acadia University	Botany
Woolgar, Eric	University of Toronto	Physics
Wright, Edward	University of Manitoba	Electrical Engineering
Wright, Patricia	University of British Columbia	Animal Physiology
Wyile, Geraldine	United States	Marine Science
Wylie, John	University of Toronto	Physics
Wyman, Douglas	McMaster University	Nuclear Engineering
Wyslouzil, Barbara	University of Alberta	Mathematics
Yamamoto, Sharon	University of British Columbia	Physiology
Yamanaka, Janet	United States	Astronomy
Yatrou, Paul	McGill University	Engineering
Yee, Eugene	University of Saskatchewan	Physics
Yee, Stephen	Carleton University	Electrical Engineering
Yergeau, François	Université Laval	Physique
Yokota, Jeffrey	United States	Aerospace Studies

6.2 Postgraduate Scholarships (continued) / Bourses d'études supérieures (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Young, Lucille	Université de Moncton	Psychologie expérimentale
Yu, Benjamin	University of British Columbia	Computer Science
Yu, Eric	University of Toronto	Computer Science
Yuen, Doris	University of Guelph	Nutrition
Zaborowski, Jo-Ann	University of Calgary	Experimental Psychology
Zak, Robert	University of Manitoba	Computer Science
Zapf-Gilje, Reidar	University of British Columbia	Civil Engineering
Zarowski, Christopher	University of Manitoba	Electrical Engineering
Zelt, Jeffrey	United States	Civil Engineering
Zimmermann, John	University of Toronto	Physics
Zok, Francis	University of Western Ontario	Material Science
Zweep, Steven	McMaster University	Organic Chemistry
Zytner, Richard	University of Windsor	Civil Engineering

6.3 Postgraduate Scholarships in Science Librarianship and Documentation/ Bourses d'études supérieures en bibliothéconomie et documentation scientifiques

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Austin, Jill	University of Western Ontario	Library Science
Bonin, Denise	University of British Columbia	Library Science
Chalk, Karen	McGill University	Library Science
Childs, Cynthia	University of Toronto	Library Science
Corbett, Gloria	Dalhousie University	Library Science
Geerts, Anita	University of Toronto	Library Science
Healy, Edith	Université de Montréal	Bibliothéconomie
Loubier, Sonia	McGill University	Library Science
Nelson, Kathleen	University of British Columbia	Library Science
Stanley, Judith	University of Western Ontario	Library Science
Taylor, Karen	University of Toronto	Library Science

6.4 1967 Science and Engineering Scholarships/
Bourses en sciences et en génie 1967

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Addison, Brenda	University of Western Ontario	Physical Chemistry
Arbour, Claude	Concordia University	Biophysics
Arnold, Lee	University of Alberta	Biochemistry
Baines, Kim	University of Toronto	Organic Chemistry
Barrington, Peter	England	Engineering
Bates, Ross	University of British Columbia	Physics
Benson, Nancy	York University	Experimental Psychology
Berg, David	United States	Organic Chemistry
Blezius, Jeffrey	McMaster University	Physics
Bonneau, Anne	McGill University	Virology
Bouchard, Michel	University of Toronto	Physics
Bradley, Elaine	United States	Biology
Brereton, Sandra	United States	Nuclear Engineering
Brimacombe, Robert	McMaster University	Physics
Brown, Carolyn	University of Toronto	Genetics
Bruneau, Michel	United States	Structural Engineering
Butler, Malcolm	United States	Physics
Carrier, Denis	United States	Physics
Chaulk, Robert	University of Waterloo	Mathematics
Chevrier, Peter	University of Toronto	Physical Chemistry
Cluett, William	University of Alberta	Engineering
Cook, Victoria	McGill University	Experimental Psychology
Cormier, James	McGill University	Biochemistry
Corriveau, Louise	McGill University	Geology
Cote, Alain	England	Plasma Physics
Counts, Rebecca	Lakehead University	Plant Physiology
Courchesne, Danièle	Université de Sherbrooke	Biochimie
Culberson, Joseph	University of Waterloo	Computer Science
De Groot, Don	United States	Geological Engineering
Diamond, James	University of Toronto	Computer Science
Dingwell, Donald	University of Alberta	Geology & Geophysics
Doucet, Joseph	United States	Engineering Science
Dumont, Randall	University of Toronto	Theoretical Chemistry
Ekker, Marc	McGill University	Biology & Biochemistry
Fawcett, Brenda	University of Toronto	Computer Science
Finlay, Warren	University of Alberta	Electrical Engineering
Firby, Robert	United States	Physics
Frenette, Normand	Queen's University	Electrical Engineering
Furst, Margaret	McGill University	Not Indicated - Non Indiqué
Glass, James	United States	Engineering
Green, James	University of Waterloo	Organic Chemistry
Hare, Ian	York University	Physics
Hearn, Debbie	University of Calgary	Physics
Herman, Peter	University of Toronto	Physics
Hogan, Michael	University of Toronto	Physics
Hrycko, Sophia	University of Ottawa	Organic Chemistry
Hynes, Michael	Germany	Microbiology
Inkpen, Stuart	Mass. Inst. of Technology	Communication Science
Johnstone, John	United States	Computer Science
Karam, Gerald	Carleton University	Computer Science
Kay, Lewis	Yale University	Biophysics
Kelland, Janice	University of Alberta	Biochemistry
Kendall, James	Carleton University	Engineering
Khan, Sheema	United States	Chemistry
Konzelman, Charles	University of Toronto	Mechanical Engineering

6.4 1967 Science and Engineering Scholarships (continued)/ Bourses en sciences et en génie 1967 (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Laflamme, Raymond	England	Theoretical Physics
Lafleur, Michel	Université Laval	Chimie
Lafortune, Jean-François	Ecole Polytechnique	Génie nucléaire
Lafortune, Stéphane	United States	Electrical Engineering
Lamoureux, Michael	United States	Mathematics
Loewen, Philip	University of British Columbia	Applied Mathematics
Loranger, Maryse	United States	Statistics
Lyons, Michael	University of British Columbia	Physics
MacKinnon, Joanne	Simon Fraser University	Experimental Psychology
MacLellan, Patricia	University of Toronto	Botany
Major, Marlene	University of Ottawa	Experimental Psychology
Marcoux, Lawrence	University of Waterloo	Mathematics
Marczak, John	McMaster University	Nuclear Engineering
Marler, Jennifer	United States	Neurobiology
McCarthy, Nathalie	Centres INRS	Physique nucléaire
McIntosh, Lawrence	Not Indicated - Non Indiqué	Not Indicated - Non Indiqué
McLaren, Jennifer	Dalhousie University	Experimental Psychology
Mooibroek, Sandra	Dalhousie University	Chemistry
Morgan, Joanne	Queen's University	Physics
Mulhern, Peter	University of British Columbia	Physics
Mulligan, Lois	Queen's University	Genetics
Nishimura, Richard	University of Toronto	Electrical Engineering
O'Shaughnessy, Kathryn	Stanford University	Physics
Otulakowski, Gail	University of Toronto	Biochemistry
Paquette, Jeanne	McGill University	Geochemistry & Mineralogy
Park, Ian	University of Ottawa	Biochemistry
Pieters, Roger	United States	Chemical Physics
Poll, Pieter	United States	Theoretical Physics
Pomerleau, Daniel	Université Laval	Physique
Prosh, Eric	University of Western Ontario	Palaeontology
Quinlan, Gerald	United States	Physics
Reebs, Stephane	University of Alberta	Zoology
Rioux, Jacques	United States	Mathematics
Ritcey, Anna	McGill University	Chemistry
Saumon, Didier	United States	Physics & Astrophysics
Savard, Pierre	Université de Montréal	Microbiologie
Sawyer, Patrice	McGill University	Mathematics
Schmidt, Margaret	Lakehead University	Forestry
Serra, Micaela	University of Victoria	Computer Science
Seward, Wendy	University of Toronto	Mathematics
Sinervo, Barry	United States	Genetics
Sinnamon, Gordon	McMaster University	Mathematics
Spence, Andrew	University of British Columbia	Genetics
Tibelius, Christine	Macdonald College	Plant Science
Van Os, Debora	Cross Cancer Institute	Physiology
Van Wijngaarden, William	United States	Nuclear Physics
Viau, Christian	University of Calgary	Geology
Weaver, Andrew	England	Physics
Wehlau, David	United States	Mathematics
Wong, Gane	United States	Physics
Zakarauskas, Pierre	University of British Columbia	Physics

6.5 Postdoctoral Fellowships / Bourses postdoctorales

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Aardsma, Gerald	University of Toronto	Physics
Aiken, Ronald	University of Alberta	Zoology
Anderson, Paul	England	Organic Chemistry
Arella, Maximilien	United States	Virology
Bailey, David	Switzerland	Nuclear Physics
Barnes, John	University of Waterloo	Chemistry
Batchelor, Raymond	McMaster University	Inorganic Chemistry
Beaulieu, Pierre	Université de Montréal	Chimie organique
Bédard, André	United States	Biology
Bédard, Robert	Université de Montréal	Mathématiques
Bell, Gary	United States	Physiology
Berch, Shannon	United States	Plant Science
Bielajew, Catherine	University of Ottawa	Physiology
Bland, John	United States	Mathematics
Blouw, Derk	St. Francis Xavier University	Genetics
Boivin, André	Univ. of California-Los Angeles	Mathematics
Boyer, Steven	England	Mathematics
Brisson, Normand	Switzerland	Molecular Biology
Britten, James	Université de Montréal	Cristallographie
Brook, Michael	Switzerland	Organic Chemistry
Broughton, Allen	Memorial University	Mathematics
Burley, Stephen	Mass. Inst. of Technology	Molecular Biology
Callaghan, Tara	United States	Experimental Psychology
Carminati, John	University of Waterloo	Mathematics
Caron, Maurice	United States	Organic Chemistry
Carpentier, Robert	United States	Biochemistry
Casson, Evanne	Université de Montréal	Psychologie expérimentale
Charlet, Gérard	Université du Québec à Montréal	Chimie physique
Chong, Michael	Mass. Inst. of Technology	Organic Chemistry
Chow, Paul	United States	Computer Science
Ciborowski, Jan	University of Alberta	Zoology
Cliff, Gean	University of Toronto	Plant Pathology
Cochran, Mark	United States	Molecular Biology
Comtois, Paul	Université de Montréal	Génétique
Couture, Raymond	McGill University	Mathematics
Coxson, Darwyn	University of Calgary	Biology
Crutchley, Robert	United States	Chemistry
Cutler, Lawrence	Université Laval	Métallurgie
Dawe, Robert	Australia	Chemistry
De Catanzaro, Jennifer	University of Guelph	Soil Science
Denich, Kenneth	United States	Biology
Desrochers, Maryse	England	Mathematics
Donaldson, David	United States	Physical Chemistry
Douglas, Susan	Saint Mary's University	Molecular Biology
Dube, François	United States	Biology
Dubeau, Hélène	Institut Armand-Frappier	Microbiologie
Ducharme, Gilles	United States	Statistics
Dunning, Gregory	Memorial University	Geology
Dupuis, Paul	United States	Chemistry
Edie, Scott	Queen's University	Plant Physiology
Ehret, David	England	Plant Science
Ellis, Thomas	University of Waterloo	Chemical Physics
Ens, Erich	University of Manitoba	Physics
Finnamore, Albert	Macdonald College	Entomology
Fortier, Louis	Marine Biological Ass.	Marine Ecology

6.5 Postdoctoral Fellowships (continued) / Bourses postdoctorales (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Fournier, Alain	University of Calgary	Not Indicated - Non Indiqué
Gardner, Jill	United States	Experimental Psychology
Genest, Christian	United States	Statistics
Gilbert, Mary	McMaster University	Experimental Psychology
Gobbi, Gian	Arizona State University	Chemistry
Golding, Geoffrey	United States	Genetics
Grant, Martin	United States	Physics
Greenwood, John	United States	Plant Physiology
Guevara, Michael	University of Amsterdam	Physiology
Guillon, Francis	United States	Physics & Astronomy
Gupta, Rajiv	United States	Mathematics
Hannon, Susan	United States	Zoology
Harbec, Jean-Yves	France	Physics
Harder, Lawrence	United States	Plant Science
Hawryshyn, Craig	United States	Zoology
Heinekey, Dennis	United States	Organic Chemistry
Henninger, Polly	United States	Experimental Psychology
Holmes, Robert	United States	Palaeontology
Holt, Lee	United States	Psychology
Houseman, Jon	University of Waterloo	Physiology
Howes, Steven	United States	Physics
Hulbert, Larry	University of Saskatchewan	Geology
Innes, David	University of Windsor	Genetics
Joncas, Gilles	France	Physics & Astrophysics
Jones-Villeneuve, E. M. V	Carleton University	Biology
Joy, Janet	United States	Animal Science
Jutai, Jeffrey	Charing Cross Medical School	Experimental Psychology
Kalyniak, Patricia	Stanford University	Theoretical Physics
Keay, Brian	University of British Columbia	Organic Chemistry
Kenny-Mobbs, Thérèse	England	Biology
Kiefl, Robert	Switzerland	Physics
Klaassen, Gary	York University	Physics
Kobes, Randal	University of British Columbia	Physics
Krauss, Lawrence	United States	Physics
Labelle, Marc	United States	Organic Chemistry
Labrèche, Martine	McGill University	Mathematics
Lange, Angela	University of Toronto	Biology
Laurence, Jean-Roch	University of Waterloo	Experimental Psychology
Lewis, Laurent	United States	Physics
MacLaughlin, Shane	Mass. Inst. of Technology	Inorganic Chemistry
MacRae, William	University of British Columbia	Plant Science
Malek, Ladislav	United States	Biology
Markiewicz, Wojciech	England	Physics
Marleau, Luc	United States	Theoretical Physics
McCauley, Frederick	United States	Marine Science
McDiarmid, Shona	United States	Microbiology & Immunology
McDow, John	Dalhousie University	Physics
McNeil, James	University of British Columbia	Genetics
Mearow, Karen	University of Toronto	Biology
Mercier, Alfred	United States	Neurobiology
Mingo, James	United States	Mathematics
Moore, George	University of Toronto	Geophysics
Morrison, Ian	Carnegie-Mellon University	Experimental Psychology
Moynihan, Kelly	England	Chemistry
Nagler, Stephen	United States	Physics

6.5 Postdoctoral Fellowships (continued) / Bourses postdoctorales (suite)

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Nelson, Lorne	Mass. Inst. of Technology	Physics
Nemec, James	California Inst. of Tech.	Astronomy
Nicas, Thalia	United States	Microbiology
Noakes, David	T.R.I.U.M.F.	Physics
Paquin, Paul	Université Laval	Biophysique
Pellerin-Massicotte, J.	Univ. du Québec à Trois-Rivières	Biologie
Picard, Gilles	France	Physics
Piche, Yves	University of Guelph	Microbiology
Pitman, Dale	Switzerland	Physics
Polonenko, Daniel	McGill University	Plant Physiology
Potvin, Luc	England	Nuclear Physics
Robert, François	United States	Geology
Rogalski, Teresa	United States	Molecular Biology
Rompré, Pierre-Paul	Concordia University	Experimental Psychology
Rooke, Brian	University of Waterloo	Zoology
Saint-Aubin, Yvan	United States	Physics
Sanborne, Michael	Carleton University	Entomology
Savard, Sylvain	University of Ottawa	Organic Chemistry
Schell, Mark	United States	Physical Chemistry
Schenk, Susan	McGill University	Experimental Psychology
Schlichter, Lyanne	United States	Biophysics
Schluter, Dolph	University of British Columbia	Biology
Scholz, Guenter	Max Planck Inst.	Material Science
Scott, Gregory	United States	Experimental Psychology
Shadwick, Robert	England	Chemistry
Siminovitch, David	United States	Biochem, Biophysics & Molecular Biology
Skelton, Ronald	United States	Neurobiology
Stam, Henderikus	University of Calgary	Experimental Psychology
Stapells, David	United States	Experimental Psychology
Statt, Bryan	United States	Physics
Steiger, Howard	McGill University	Experimental Psychology
Talbot, Emile	United States	Physics
Taylor, Andrew	University of Toronto	Physics & Astrophysics
Taylor, Gregory	United States	Plant Ecology
Templeton, Eva	University of Toronto	Chemistry
Trépanier, Pierre	Australia	Virology
Trick, Charles	United States	Marine Science
Vaccarino, Franco	United States	Neurobiology
Vrscay, Edward	United States	Applied Mathematics
Wagner, Graham	University of British Columbia	Biology
Walker, Mark	University of Guelph	Chemistry
Wan, Peter	United States	Organic Chemistry
Watanabe, Kyoko	United States	Theoretical Chemistry
Watson, Stephen	United States	Mathematics
Wrobel, Joan	United States	Radio Astronomy
Ydenberg, Ronald	Simon Fraser University	Zoology

6.6 University Research Fellowships/Chercheurs-boursiers universitaires

Name/Nom Department/Département University/Université	Title/Titre	$
Adams, B.G. Chemistry New Brunswick	Electron correlation in atomic and molecular systems	14,200
Akben, M.G. Mining/Metal. Eng. McGill	Hot rolling of titanium and boron bearing HSLA steels	13,250
Akyel, C. Génie électrique Ecole Polytechnique	Chauffage micro-onde et mesures diélectriques en système actif	14,310
Anstee, R. Combin./Optimiz. Waterloo	Combinatorial matrix theory	5,512
Argyropoulos, S. Mining/Metal. Eng. McGill	Automatic control of liquid steel, chemistry and quality	12,243
Baker, M.R. Zoology Guelph	The parasitic diseases of the lower vertebrates	12,243
Barclay, R.M.R. Zoology Manitoba	Foraging strategies and social organization of insectivorous bats	16,960
Barrett, T.J. Geology Toronto	Stratigraphy and geochemistry of Fe-rich sedimentary deposits	14,080
Basinger, J.F. Geological Sciences Saskatchewan	Cretaceous and early Tertiary flowering plants from Western Canada	12,243
Bastien, P. Physique Montréal	Etudes théoriques et observations sur la formation des étoiles	21,249
Bell, M.G. Mathematics Manitoba	Compactness and cellularity properties of spaces	3,812
Bernard, P. Physique Ottawa	Spectromètre laser pour l'infrarouge lointain	15,900
Besner, D. Psychology Waterloo	Component processes in visual word recognition	20,140
Bird, D.M. Ren. Resources Macdonald Coll.	1) Nutritional ecology 2) Mate choice 3) Mate replacement in kestrels	18,020
Boag, P.T. Biology Queen's	Morphology and behaviour of zebra finches (Poephila guttata)	21,015
Bobyn, J.D. Génie mécanique Ecole Polytechnique	Development of improved implants for orthopaedic reconstructive surgery	13,144

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Boila, R.J. Animal Science Manitoba	Absorption and excretory mechanisms for copper in cattle and sheep	12,720
Boucher, F. Chimie - biologie Qué.-Trois-Riv.	Photochimie et biochimie de la rhodopsine	16,529
Bousquet, D. Médecine vét. Montréal	Culture des cellules endométriales: un modèle pour étudier la viabilité des embryons chez les bovins	12,190
Bozarth, M.A. Psychology Concordia	Intracranial self-administration of opiates	12,720
Brown, L.M. Plant Science Western Ontario	Control mechanisms in the water relations of a green alga	21,200
Buhr, M.M. Animal Science Manitoba	Mechanisms of luteolysis in domestic livestock	16,960
Burke, R.D. Biology Victoria	Induction of metamorphosis in marine invertebrates	23,076
Campbell, B.A. Physics Carleton	Aspects of supersymmetric gauge theories of the fundamental interactions	10,600
Carignan, R. INRS-Eau Québec - INRS	Influence de l'acidification des lacs sur le lessivage de métaux traces des sédiments	10,600
Cawthorn, R.J. Veter. Microbiol Saskatchewan	Use of species of Sarcocystis (Protozoa: Sarcocystidae) as models to investigate comparative aspects of the phenomenon of heteroxeneity in coccidia	16,960
Ceri, H. Biology Calgary	The molecular basis of cellular adhesions	18,365
Chater, E. Génie civil Sherbrooke	Propagation des instabilités plastiques et lois constitutives	13,780
Chatzis, I. Chemical Eng. Waterloo	Fundamental studies pertinent to enhanced oil recovery and to the structure of low permeability porous media	12,190
Chin, J.B. Chemistry McGill	Catalysis in hydrolyses of simple phosphodiester compounds and DNA	18,000
Cochrane, R.W. Physique Montréal	Etudes magnétiques et de transport des matériaux désordonnés	29,468
Coleman, J.R. Botany Toronto	Environmental regulation of algal photosynthesis: Mechanisms of adaptation	10,600

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Cone, D.K. Biology Saint Mary's	The systematics, life history, and epizootiology of Gyrodactylus Nordmann, 1832	12,720
Cooper, D.G. Chemical Eng. McGill	Identification, properties and application of biosurfactants	12,243
Croll, R.P. Psychology Dalhousie	Neural bases of selective motor program expression	19,080
Cwynar, L.C. Botany Toronto	Paleoecology and dynamics of treeline and climate of Beringia	18,020
Daunt, S.J. Chemistry Concordia	Studies of transient molecules using laser spectroscopy	21,760
Davis, D.W. Geology Toronto	Zircon geochronology applied to Archean crustal evolution	10,600
Davis, J.H. Physics Guelph	Membrane molecular dynamics and phase equilibria	19,610
Day, R.L. Civil Engineering Calgary	Recognition, prediction and solution of durability problems in concrete	13,780
DeCatanzaro, D.A. Psychology McMaster	Aggression and reproductive success/ biology of self-damaging behavior	14,692
Demopoulos, G.P. Mining/Metal. Eng. McGill	Non-conventional uranium and base metal extraction technology	20,100
Desrochers, A. Psychologie Ottawa	Le rôle de la mémoire dans les activités cognitives	13,780
DiCosmo, F. Botany Toronto	Regulation of secondary metabolism in plant tissue culture by fungal glycoproteins	10,600
Douglas, R.M. Physiology McGill	Neural basis of adaptation in the oculomotor system	14,692
Dow, A.S. Mathematics Toronto	Filters and boolean algebras in topology	3,180
Downing, J.A. Biology Montréal	The ecological correlates of spatial aggregation	21,200
Duncan, M.J. Physics Toronto	Theoretical astrophysics	15,900

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Dyer, C.C. Astronomy Toronto	Application of general relativity to astronomy and cosmology	26,500
Eich, E. Psychology British Columbia	Memory for unconscious events: Remembering with and without awareness	10,600
El Jabi, N. Génie civil Ecole Polytechnique	Analyse technico-économique des crues	13,780
Emerson, V.F. Psychology Queen's	Behavioural and physiological analyses of threshold and supra-threshold mechanisms of spatial vision	10,600
Eyles, N. Geology Toronto	Subaqueous melt-out tills in Ontario; implicatons for Quaternary geology, engineering geology and mineral exploration	21,200
Farrall, M.J. Chemistry Ottawa	Synthesis and applications of novel functional polymers by chemical modification	8,232
Farrell, A.P. Biology Mount Allison	Control of circulation in fish	21,200
Fawzi, T.H. Electrical Eng. Toronto	Investment planning of electrical systems	14,363
Fedosejevs, R. Electrical Eng. Alberta	Laser-plasma interactions : raman and energy transport	15,900
Feller, M.C. Forestry British Columbia	Continued investigations of the effects of forest management on site biogeochemistry and streamwater chemistry	13,467
Fong, C.K. Mathematics Toronto	Operator theory	4,000
Forrest, B.J. Chemistry Dalhousie	Nuclear magnetic resonance of membranes	19,589
Garbary, J.W.D. Botany British Columbia	Taxonomic and floristic studies on the marine algae in British Columbia	19,080
Gates, M.A. Zoology Toronto	Quantitative analyses of evolutionary processes in populations of ciliates	19,080
Gedamu, L. Chemistry Calgary	Biochemical analysis of heavy metal induced gene expression in eukaryotes	21,200
Gesing, W.S. Electrical Eng. Toronto	Numerical techniques in system simulation, design and control	5,903

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Gibbins, A.M. Biomed Sciences Guelph	Estrogen-induced vitellogenesis in Japanese quail	27,560
Goldstein, N.J. Mathematics British Columbia	The geometry of ampleness and compact quotients of complex semisimple Lie groups	4,000
Gottlieb, J.J. Aerospace Studies Toronto	Unsteady gasdynamics and shock-wave phenomena	14,840
Goulden, I.P. Combin./Optimiz. Waterloo	Mathematical and computational aspects of combinatorial enumeration	10,600
Graf, P. Psychology Toronto	Representational effects of integrative processing	14,840
Gross, M.R. Biolog. Sciences Simon Fraser	Alternative reproductive strategies: theoretical and empirical investigations in fishes	31,800
Gumbs, G.A. Physics Dalhousie	Statistical mechanics of electron fluctuations in films	10,600
Hamilton, K.P. Oceanography British Columbia	Studies of the dynamics of the stratosphere and mesosphere	10,600
Hann, B.J. Zoology Manitoba	Genetic variation and population differentiation in Simocephalus and Eurycercus	10,600
Harris, R.L. Mining/Metal. Eng. McGill	Liquid metal purification utilizing vacuum	16,748
Hartner, G.F. Physics Toronto	Photoproduction of heavy charm quark states at tagged photon spectrometer	15,900
Havas, M. Environmental Stud. Toronto	1) Effect of calcium and pH on aluminum toxicity, bioaccumulation in Daphnia 2) Acid-neutralizing capacity of sediments in acidified lakes	14,840
Hawkes, M.W. Botany British Columbia	Systematics of marine red algae	13,780
Hawthorne, F.C. Earth Sciences Manitoba	The structure, chemistry and paragenesis of minerals	21,200
Heaslip, L.J. Metallurgy Toronto	Heat transfer during liquid metals processing	12,243
Heinrich, K. Mathematics Simon Fraser	The study of certain combinatorial and graph-theoretic problems	9,795

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Hepburn, J.W. Chemistry Waterloo	Molecular beam studies in photochemistry and spectroscopy	19,250
Hickson, P. Geophysics British Columbia	Imaging and spectrophotometry of faint galaxies and quasars	24,062
Higgins, C.A. Management Sciences Waterloo	Specification and evaluation of communication-information technology	10,600
Himmelman, J.H. Biology Laval	Role of predators in structuring shallow water benthic communities in the Saint Lawrence Estuary	19,589
Hitchcock, A.P. Chemistry McMaster	EXAFS and electron spectroscopy of solids, surfaces and gases	23,320
Holden, D.A. Chemistry Waterloo	Polymers from new surface-active monomers	17,031
Hoover, D.N. Math/Statistics Queen's	Research in logic and probability	7,346
Horton, D.G. Botany Alberta	Systematic and ecological studies of bryophytes in the Canadian Cordillera	20,700
Huner, N.P.A. Plant Science Western Ontario	Photosynthetic adapatation of cereals to low growth temperature	24,486
Hutchins, D.A. Physics Queen's	Characterization of defects in metals by digital ultrasonics	13,780
Ireland, R.J. Biology Carleton	Asparagine metabolism in pea and soybean plants	22,843
Jackson, K.R. Computer Science Toronto	An investigation of the use of iterative linear equation solvers in codes for stiff ODEs	12,243
Jacobs, W.J. Psychology British Columbia	Mediation of avoidance responding in the rat	12,243
Jarvis, G.T. Geology Toronto	The tectonic role of the lithosphere	18,020
Jeng, R.S. Forestry Toronto	Induced resistance, a non-chemical control of vascular wilt diseases in forestry	15,900
Jenner, G.A. Earth Sciences Memorial	Petrogenesis of ophiolites and mantle heterogeneity through time	15,900

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Jessop, P.E. Eng. Physics McMaster	Investigation of semiconductor lasers and their application to spectroscopy	15,900
Johnson, D.A. Biology Ottawa	Investigation of legume symbiosis at the molecular level	24,486
Johnson, W.R. Mechanical Eng. Toronto	Gas nuclei stability on surfaces	12,243
Joos, B. Physics Simon Fraser	Theory of intercalated materials and special defects in semiconductors	10,600
Karamanos, R.E. Soil Science Saskatchewan	Utilization of changes in natural 15N abundance in the study of the nitrogen cycle	24,486
Kavaliers, M. Zoology Western Ontario	The pineal gland, environmental factors and neuropeptide functions	24,380
Keeler, R.K. Physics Victoria	Proton-antiproton annihilation	16,500
Kennedy, P.M. Animal Science Alberta	Rumen particulate matter turnover and comminution in forage intake	12,243
Kirk, D.W. Chemical Eng. Toronto	Electrochemical reactor engineering	16,748
Kirkpatrick, D.L. Chemistry Regina	Disulfides as potential bioreductively activated antineoplastic agents	19,080
Kitts, D.D. Food Science British Columbia	Potential toxicity of caffeine to embryo and fetal viability in utero	12,720
Klapstein, D. Chemistry St. F. Xavier	Spectroscopic characterization of small unsaturated molecules	19,080
Knapton, R.W. Biolog. Sciences Brock	Factors influencing female choice of mate and the evolution of polygyny	22,037
Kocay, W.L. Computer Science Manitoba	Computational theory of graph reconstruction	13,760
Koniuk, R.G. Physics York	Theoretical hadron spectroscopy	10,600
Kronberg, B.I. Geology Western Ontario	Soil geochemistry	15,423

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Kunstatter, G. Physics Toronto	Particle physics and quantization in curved space-times	12,243
Lake, K.W. Physics Queen's	Studies in relativistic astrophysics and cosmology	26,500
Lalonde, M. Pédologie/écologie Laval	Isolement et charactérisation de Frankia fixateurs d'azote	44,520
Latta, B.M. Physics Memorial	Electronic energy loss of heavy atoms	12,243
Layzell, D.B. Biology Queen's	Photosynthate use and nitrogen fixation in legumes	24,486
Leahy, D.A. Physics Calgary	Physical processes in pulsar magnetospheres	10,600
Leigh, W.J. Chemistry McMaster	Far-ultraviolet organic photochemistry / Effects of molecular environment on chemical reactivity	19,080
Lem, N.W. Biology Waterloo	An investigation into the mechanism of fatty acid desaturation in higher plant tissues	15,900
L'Espérance, G. Génie métall. Ecole Polytechnique	Microanalyse des précipités dans des aciers faiblement alliés à haute résistance contenant du Mo, Nb et de fortes teneurs d'Al	13,780
Leung, L.W.S. Psychology Western Ontario	Behavioural modulation of hippocampal and neocortical electrical activity	20,140
Lieffers, V.J. Forest Science Alberta	Production of peatland trees and shrubs in relation to environmental variables in north-central Alberta	10,600
Liu, W.K. Physics Waterloo	Theory of relaxation and transport in gases and green function theory of chemisorption on surfaces	12,243
Logan, G.D. Psychology British Columbia	Real-time control of thought and action	13,127
Logan, G.D. Psychology Toronto	Real-time control of thought and action	9,133
Lolos, G.J. Physics Regina	Measurement of iT11 deuteron vector polarization and spin transfer in the reaction pi +d pp. Development of state of the art ultra fast timing and position sensitive scintillator detectors	10,600
Lushington, K.J. Chemistry McMaster	Studies in solid state chemistry and physics	15,900

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
MacArthur, R.A. Zoology Manitoba	Aquatic thermoregulation and bioenergetics in the muskrat	17,140
Macartney, D.H. Chemistry Queen's	Electron transfer reactions of d7 transition metal complexes	19,080
Mackay, A.L. Physics British Columbia	Application of nuclear magnetic resonance techniques to biological problems	18,338
MacKinnon, B.M. Biology New Brunswick	Morphology, physiology and development of the reproductive system and embryos of Trichinella spiralis and T. pseudospiralis (Nematoda)-human pathogens in Canada	12,720
Maire, A.R. Chimie - biologie Qué.-Trois-Riv.	Sélectivité des femelles de moustiques pour leurs sites naturels d'oviposition	23,320
Mak, H.B. Physics Queen's	Nuclear structure research	31,800
Marchand, R. Electrical Eng. Alberta	Laser-plasma interactions: Numerical simulations	10,600
Marshall, B.P. Mathematics McGill	Estimates of solutions of wave-type equations	7,100
Marshall, W.S. Biology St. F. Xavier	Control of transport processes in epithelia	27,560
Martin-Sanchez, J.M. Chemical Eng. Alberta	Adaptive process control and computer control	12,243
Mather, J.A. Psychology Western Ontario	Diagram production and problem solving	13,462
McCamis, R.H. Physics Manitoba	Scattering of protons from light nuclei	12,243
McDonald, D.G. Biology McMaster	Ion and acid-base regulation in fish, amphibians and marine invertebrates	26,500
McKeon, D.G.C. Applied Math. Western Ontario	Investigations into unified field theories	12,000
Meaney, M.J. Psychology Concordia	The comparative studies into the neuroendocrine basis of sexual differentiation	14,840
Mekler, A.H. Mathematics Simon Fraser	Applications of model theory and set theory to algebra	10,600

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Michener, G.R. Biolog. Sciences Lethbridge	Mating system and social organization of Richardson's ground squirrels	15,900
Milman, P. Mathematics Toronto	Hilbert-Samuel function of a subanalytic set and composite differentiable functions	10,000
Mingarelli, A.B. Mathematics Ottawa	Spectral theory and oscillation theory	8,973
Montgomerie, R.D. Biology Queen's	Tactics of reproduction in High Arctic birds	23,320
Moore, G.H. Philosophy Toronto	Mathematical communications barriers: The example of "Forcing"	3,673
Morrison, I.L. Mathematics Toronto	Moduli problems in algebraic geometry	1,774
Mortimer, B. Math/Statistics Carleton	1) Error correcting codes for Broadcast Teletext Systems 2) Computers and the disabled	10,000
Mucciardi, F.A. Mining/Metal. Eng. McGill	Injection techniques for the refining of pig iron and steel.	15,158
Murty, M.R.P. Mathematics McGill	Non-abelian sieves	8,480
Muter, P.M. Psychology Toronto	Human episodic memory	12,243
Nadeau, D. Physique Montréal	Spectrométrie infrarouge des régions de formation d'étoiles	26,500
Nargang, F.E. Genetics Alberta	Mitochondrial gene expression in Neurospora crassa	19,610
Newman, K.E. Chemistry Simon Fraser	Magnetic resonance of electrolyte solutions at extremes of pressure, temperature & composition	15,900
Ng, J.N. Physics British Columbia	Studies of new structures in electroweak interactions	12,243
Nicas, A.J. Mathematics Toronto	Whitehead groups of the fundamental groups of aspherical manifolds	6,000
Oakley, R.T. Chemistry Calgary	Heterocyclic sulphur-nitrogen compounds	1,950

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Oakley, R.T. Chemistry Guelph	Heterocyclic sulphur-nitrogen compounds	24,550
O'Donnell, M.J. Biology York	Interactions of hormone-secreting cells and target organs: Electrophysiological studies	15,900
Olivier, G. Génie électrique Ecole Polytechnique	1) Convertisseurs à transistors MOSFET et à thyristors GTO 2) Etude analytique de cascade de transformateurs d'essai haute-tension	15,264
Ossenkopp, K.P. Psychology Western Ontario	Discrimination of low intensity magnetic fields in pigeons	13,467
Page, J.H. Physics Queen's	Phase transitions and phonon interactions in solids	12,243
Pauls, K.P. Crop Science Guelph	Plant membrane properties related to cell fusion, hormone action and drought tolerance	15,900
Pedersen, T.F. Oceanography British Columbia	Trace metal geochemistry of coastal sediments of British Columbia	12,243
Peemoeller, H. Physics New Brunswick	Nuclear magnetic resonance studies of heterogeneous systems	16,020
Perry, S.F. Biology Ottawa	Acid-base regulation and CO2 excretion in teleost fishes	12,720
Petersen, N.O. Chemistry Western Ontario	Aggregation reactions in membranes	18,365
Peterson, E.L. Biology McGill	Photosensory control of identified neural circuits	18,020
Pilt, A.A. Physics McMaster	Nuclear structure studies with light and heavy ions	13,780
Pinto, B.M. Chemistry Simon Fraser	Investigation of the nature and origin of conformational effects	19,080
Poirier, M. Physique Sherbrooke	Etude des propriétés de transport électrique dans les systèmes à dimensionalité réduite	15,900
Pradhan, A.K. Physics Windsor	Atomic processes in laboratory and astrophysical plasmas	21,200
Prasad, V.S. Math/informatique Sherbrooke	Recherche en théorie ergodique	8,500

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Reid, J. Eng. Physics McMaster	Investigations of molecular gas lasers	37,100
Robb, E.J. Botany & Genetics Guelph	Ultrastructure of host-parasite interactions	22,037
Robertson, A.M. Psychology McGill	Neural substrates of the psychoactive effects of amphetamine and neuroleptic drugs	14,692
Robertson, P.K. Civil Engineering British Columbia	Development of in-situ tests for off-shore soils	13,780
Robertson, R.M. Biology McGill	Neural control of flight	21,200
Rollo, C.D. Biology McMaster	An integrated study of the ethology, physiology and ecology of an invertebrate using systems analysis	25,440
Romaniuk, P.J. Biochem./Microbiol. Victoria	Structure of 5S RNA - protein complexes	26,500
Rood, S.B. Biology Lethbridge	Physiology of heterosis in poplars and maize	14,800
Rose, M.R. Biology Dalhousie	Evolutionary biology of Drosophila life history	23,262
Roshko, R.M. Physics Manitoba	Ultra-low temperature studies of dilute magnetic systems	17,543
Rousseau, C. Math/statistiques Montréal	Déformations verselles et bifurcations en présence d'une symétrie	3,180
Roy, C. Génie chimique Sherbrooke	Valorisation de la biomasse et des charbons en combustibles et en produits chimiques	19,186
Roy, R. Physique Laval	Phénomènes de polarisation dans les réactions (3He,p)	40,863
Saatcioglu, M. Civil Engineering Toronto	Reinforced concrete columns subjected to biaxial load reversals	18,338
Samson, J.C. Physics Alberta	Studies of ULF magnetic fields, and plasma waves in the Earth's magnetosphere	29,150
Scheibling, R. Biology Dalhousie	Community structure and dynamics in an urchin-dominated barren ground	19,080

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Schrobilgen, G.J. Chemistry McMaster	1) Fluorine chemistry of the noble gases 2) Zintl anions	24,380
Schultz, P.J. Physics Western Ontario	Surface and near-surface materials research using variable-energy positrons	21,200
Scott, D.B. Geology Dalhousie	Foraminiferal and thecamoebian distributions in eastern Canada with applications to studies of Holocene-Pleistocene paleoceanography, oxygen isotopes, sea-level and mesozoic biostratigraphy	16,960
Scott, M.E. Parasitology Macdonald Coll.	Regulatory role of parasites in host-parasite population dynamics	10,600
Seagull, R. Biology Carleton	Study of components and function of plant cytoskeleton	28,143
Seckin, M. Civil Engineering Toronto	Seismic design of moment resisting reinforced concrete frames	17,140
Selick, P.S. Mathematics Western Ontario	Homotopy theory	3,673
Semenoff, G.W. Physics British Columbia	Extended objects in quantum field theory and elementary particle physics	10,600
Shadwick, W.F. Applied Math. Waterloo	Backlund transformations and integrable partial differential equations	3,796
Sharma, K.S. Physics Manitoba	Direct mass measurements of unstable nuclei	10,600
Sharom, F.J. Chemistry Guelph	Role of glycolipids and glycoproteins in lymphocyte activation	18,338
Shelton, D.P. Physics Toronto	Measurement of molecular hyperpolarizabilities by electric-field-induced second-harmonic generation	10,600
Sherman, I.A. Bio-Med Eng. Toronto	Interfacial tension effects in biological systems	18,603
Sherry, D.F. Psychology Toronto	Food storage by birds: Spatial memory and economic constraints	13,780
Shih, I. Electrical Eng. McGill	Investigation of the photo-electronic properties of CuInSe2 in relation to photovoltaic devices	14,628
Sokolowski, M.B. Biology York	Genetics, behavior and evoluticnary biology of Drosophila	19,080

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Soper, A.K. Physics Guelph	A structural investigation of molecular fluids	10,600
Soumis, F. Méth. quant. gest. Montréal	Routes de flotte de véhicules	15,900
Spence, J.R. Entomology Alberta	Ecological processes in assemblages of predatory insects	21,200
Spetch, M.L. Psychology Dalhousie	Representation of time	12,720
Spitzer, J.J. Chemistry Lethbridge	Electrical properties of liquid/liquid interfaces	8,200
Stacey, N.E. Zoology Alberta	Regulation of sexual behavior and ovulation in goldfish	25,730
Steiss, J.E. Physiology Saskatchewan	Biochemical studies on skeletal muscle autografts in experimental animals	10,600
Stinson, D.R. Computer Science Manitoba	Algorithms for the construction of combinatorial designs	5,300
Sullivan, G.R. Chemical Eng. Waterloo	Development and application of plant scheduling and computer control techniques	16,006
Summers, J.M. Geological Sciences Queen's	An experimental investigation of the structural development of foreland fold and thrust belts	12,243
Sutcliffe, J.F. Biology Waterloo	Studies of black fly (Insecta: Diptera: Simuliidae) feeding behaviour	13,467
Taylor, R.P. Geology Montréal	Isotopic and lithogeochemical studies of granitoid mineral deposits	10,600
Thakkar, A.J. Chemistry Waterloo	Intermolecular forces, compton scattering and electron pair densities	25,410
Therien, H.M. Chimie - biologie Qué.-Trois-Riv.	Interactions actine-membranes	12,720
Thewalt, M.L.W. Physics Simon Fraser	Photoluminescence studies of semiconductors	37,100
To, C.W.S. Mechanical Eng. Calgary	Nonstationary random response of nonlinear structures to random excitation	10,600

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
Tollenaar, M. Crop Science Guelph	Potential and maximum productivity of agricultural crops	13,467
Treit, D.R. Psychology Dalhousie	Mechanisms of anxiolytic drug action	12,720
Tsang, A.S. Biology York	A study on gene expression during development of the cellular slime mould Dictyostelium	18,365
Turner, D.G. Physics/Astronomy Laurentian	Research into the cosmic distance scale and stellar evolution using star clusters and associations	21,200
Vandenberg, D.A. Physics Victoria	Numerical studies of the evolution of low mass stars assuming continuous mass loss	12,243
Varty, R.L. Mechanical Eng. Toronto	Application of laser-Doppler anemometry to fluid mechanics	10,600
Vinet, L. Physique Montréal	Chromodynamique quantique et interaction N-N	10,600
Vinogradov, A. Civil Engineering Calgary	Creep of structures-creep stability, structure-foundation interaction, creep properties of ice	12,720
Von Grünau, M.W. Psychology Queen's	Psychophysical, behavioral and electrophysiological studies in strabismic amblyopia	21,250
Walker, V.K. Biology Queen's	Ecdysterone-regulated gene expression in Drosophila development	22,260
Wang, M.Y. Mathematical Sci. McMaster	The topology and geometry of homogeneous spaces	5,904
Weatherhead, P.J. Biology Carleton	Avian reproductive strategies	33,920
Wesemael, F. Physique Montréal	Etude des propriétes atmosphériques des étoiles naines blanches	21,426
Wesson, P.S. Physics Alberta	Relativistic astrophysics (Self-similar solutions in general relativity and their application)	21,200
Wetmore, R.W. Chemistry Guelph	Ab initio CIPT calculations of the structure and properties of small molecules in their ground and excited states	19,589
White, M.A. Chemistry Waterloo	Low-temperature high-pressure calorimetry	3,028

6.6 University Research Fellowships (continued)/ Chercheurs-boursiers universitaires (suite)

Name/Nom Department/Département University/Université	Title/Titre	$
White, M.A. Chemistry Dalhousie	Low-temperature high-pressure calorimetry	16,561
White, R.L. Chemistry Dalhousie	Biosynthesis of natural products	10,600
Wilson, J.D. Land Resource Sc Guelph	Flow through a shelterbelt	13,250
Wright, G.M. Zoology Toronto	The structure and function of the adenohypophysis of the lamprey	12,243
Wyndham, R.C. Biology Toronto	Biodegradation in continuous culture and in estuarine environments: Microbial interactions	14,840
Zacharko, R.M. Psychology Carleton	Behavioral disturbance induced by uncontrollable stress	20,140
Ziegler, T. Chemistry Calgary	Quantum mechanical calculations on transition metal systems of importance for catalysis, by the Hartree-Fock-Slater method	12,243

7. OTHER PROGRAMS OF GRANTS AND SCHOLARSHIPS ADMINISTERED BY NSERC ON BEHALF OF OTHER DEPARTMENTS, AGENCIES AND ORGANIZATIONS

7. AUTRES PROGRAMMES DE SUBVENTIONS ET BOURSES ADMINISTRES PAR LE CRSNG POUR LE COMPTE D'AUTRES ORGANISMES ET MINISTERES

7.1 Environment Canada / Environnement Canada

7.1.1 Postgraduate Fellowships in Meteorology and Atmospheric Sciences/ Bourses postgrade en météorologie et sciences atmosphériques

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Bartello, Peter	McGill University	Meteorology
Chan, Shiu	University of Toronto	Meteorology
Finstad, Karen	University of Alberta	Upper Atmosphere Physics
Gravel, Sylvie	McGill University	Meteorology

7.1.2 Studentships in Meteorology/Bourses en météorologie

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Belzile, J.	McGill University	Meteorology
Bullock, T.W.	Dalhousie University	Physics
Canevan, T.A.	Dalhousie University	Physics
Caron, L.C.	McGill University	Meteorology
Couture, M.	York University	Earth & Atmospheric Science
Côté, C.C.	Université du Québec à Montréal	Physique
Davis, J.C.	Dalhousie University	Physics
Dubé, D.	Université du Québec à Montréal	Physique
Ferland, A.F.	Université du Québec à Montréal	Physique
Fournier, G.	Université du Québec à Montréal	Physique
Kirk, C.G.	University of Alberta	Meteorology
Marquis, B.	Université du Québec à Montréal	Physique
Otadi, C.	Université du Québec à Montréal	Physique
Suesser, U.S.	University of Alberta	Meteorology
Whiffen, B.L.	Dalhousie University	Physics

7.2 Canadian International Development Agency/ Agence canadienne de développement international

7.2.1 CIDA/NSERC Research Associateships/Attachés de recherches ACDI/CRSNG

Name/Nom Department/Département Institution Country/Pays	Purpose/But
Abrol, Y.P. Plant Physiology and Biochemistry India Agricultural Inst. New Delhi, India	To collaborate with A. Oaks, Department of Biology, McMaster University, on interaction of NO_3 levels and soil microflora in the rhizosphere of wheat (May-July 1983)
Agyei, E.K. Physics Univ. of Ghana Legon, Ghana	To collaborate with R.L. Armstrong, Geological Sciences Department, University of British Columbia, on geochronometry studies (September-December 1983)
Ahonkhai, S.I. Chemistry Univ. of Benin Benin, Nigeria	To collaborate with M.H. Back, Department of Chemistry, University of Ottawa, on studies of gas phase kinetics of elementary reactions (February-December 1984)
Ajayi, G.O. Electrical Engineering Univ. of Ife Ife, Nigeria	To collaborate with K.S. McCormick, Communications Department, Communications Research Centre, on measurements of precipitation attenuation on satellite-to-earth paths (July-October 1983)
Alj, A. Recherche opérationnelle Univ. Mohamed V Rabat (Maroc)	Collaborer avec A. Haurie, Service de l'enseignement des méthodes quantitatives, Ecole des Hautes Etudes Commerciales, sur la commande optimale des processus de populations (août à septembre 1983)
Arbid, M.S.S. Toxicology National Res. Centre of Cairo Cairo, Egypt	To collaborate with R.R. Marquardt, Department of Animal Science, University of Manitoba, on extraction of toxins (vicine and convicine) from faba beans and the metabolism of these compounds by animal tissues (August 1983-September 1984)
Chen, Y. Forestry Nanjing Technol. College of Forestry Products Nanjing, China	To collaborate with O. Sziklai, Department of Forestry, University of British Columbia, on genetic variation of Toona sinensis seed (June-November 1983)
Chu, C-K. Chemistry Univ. of Malaya Kuala Lumpur Malaysia	To collaborate with S.R. Stobart, Department of Chemistry, University of Victoria, on structure, bonding and catalytic applications of platinum-tin complexes (January-June 1984)
Gautam, P.D. Plant Breeding G.B.P. Univ. of Pantnagar Pantnagar, India	To collaborate with S. Jana, Crop Science Department, University of Saskatchewan, on evaluation of durum wheat germplasm for drought stress tolerance and wide adaption (May-November 1983)

7.2.1 CIDA/NSERC Research Associateships (continued)/ Attachés de recherche ACDI/CRSNG (suite)

Name/Nom Department/Département Institution Country/Pays	Purpose/But
Gupta, P.K. Cytogenetics Meerut Univ. Meerut, India	To collaborate with T. Rajhathy and G. Fedak, Ottawa Research Station, Agriculture Canada, on intergeneric hybrids in triticeae (May-June 1984)
Laloraya, M.M. Plant Physiology Univ. of Indore Indore, India	To collaborate with C. Nozzolillo, Department of Biology, University of Ottawa, on phenolic-hormone interactions in the lentil plant, and their effect on yield (December 1983-April 1984)
Leong, T.S. Fish Parasitology Universiti Sains Malaysia Penang, Malaysia	To collaborate with Z. Kabata, Parasitology Department, Fisheries Research Board, Pacific Biological Station, on resource centre for parasitic copepoda of Malaysian fishes (May-October 1983)
Lim, R.P. Limnology Univ. of Malaya Kuala Lumpur Malaysia	To collaborate with C.H. Fernando, Department of Biology, University of Waterloo, on taxonomy and ecology of tropical zooplankton (April-July 1984)
Mahendran, M. Chemistry Univ. of Colombo Colombo, Sri Lanka	To collaborate with R.F. Childs et al.,Chemistry Department, McMaster University, on chemical investigation of Sri Lankan soft corals (November 1983-October 1984)
Olorunda, A.O. Food Science and Technology Univ. of Ibadan Ibadan, Nigeria	To collaborate with M.A. Tung, Department of Food Science, University of British Columbia and J.A. Kitson, Food Processing Section, Agriculture Canada, on effect of postharvest factors on the quality attributes of stored, thermally-processed or dehydrated fruits and vegetables of tropical or subtropical origin (June-August 1983)
Onyido, I. Chemistry Univ. of Ibadan Ibadan, Nigeria	To collaborate with E. Buncel, Department of Chemistry, Queen's University, on investigations of dyes and complexes (July-October 1983)
Osagie, A.U. Biochemistry Univ. of Benin Benin, Nigeria	To collaborate with M. Kates, Department of Biochemistry, University of Ottawa, on 1) lipid synthesis in soybean cell cultures and 2) lipid metabolism of roots and tubers at different storage temperatures (September 1982-August 1983)
Peiris, G.S. Microbiology Veterinary Res. Inst. Peradeniya Sri Lanka	To collaborate with S. Rosendal, Department of Veterinary Microbiology and Immunology, University of Guelph, on bacterial infections with special emphasis on mycoplasma and ureaplasma (March-September 1983)

7.2.1 CIDA/NSERC Research Associateships (continued)/ Attachés de recherche ACDI/CRSNG (suite)

Name/Nom Department/Département Institution Country/Pays	Purpose/But
Rajput, C.B.S. Horticulture Banaras Hindu Univ. Varanasi, India	To collaborate with D.P. Ormrod, Department of Horticultural Science, University of Guelph, on pollution studies on tropical and subtropical horticultural crops (May-August 1983)
Rao, A.V.N. Reproductive Physiology Gov't Livestock Farm Visakhapatnam, India	To collaborate with W.M. Palmer, Department of Animal Science, University of Manitoba, on determination of reproductive hormones in the bovine (July-October 1983)
Srivastava, H.S. Plant Physiology Univ. of Indore Indore, India	To collaborate with D.P. Ormrod and G. Hofstra, Department of Horticultural Science and Environmental Biology, University of Guelph, on effect of nitrogen dioxide on inorganic nitrogen assimilation and pop yield in bush head (phaseolus vulgaris) (May-August 1983)
Sukroongreung, S. Mycology and Mycotoxins Siriraj Hospital Bangkok, Thailand	To collaborate with H.B. Schiefer, Department of Veterinary Medicine, University of Saskatchewan, on identfication of trichotecene-producing fungi in Thailand (July-September 1983)
Wong, S.Y. Fish Health Universiti Sains Malaysia Penang, Malaysia	Supplement for supply items in connection with previous (1982) collaboration with T.P.T. Evelyn, Pacific Biological Station, Fisheries and Oceans Canada, Nanaimo
Yoksan, S. Theoretical Physics Srinakharinwirot Univ. Bangkok, Thailand	To collaborate with A.D.S. Nagi, Department of Physics, University of Waterloo, on magnetic impurities in superconductors (September 1983-February 1984)

N.B. The total amount awarded under this program was $163,299./
Le montant total accordé dans le cadre de ce programme est de $163 299.

7.3 North Atlantic Treaty Organization/ Organisation du Traité de l'Atlantique Nord

7.3.1 NATO Science Fellowships / Bourses en sciences de l'OTAN

Name/Nom	Location of Tenure/ Endroit de validité	Field/Domaine
Black, James	England	Computer Science
Ceska, Thomas	England	Biochemistry
Cohen, Stephen	United States	Biology
Collins, Scott	Mass. Inst. of Technology	Organic Chemistry
Craig, Susan	Germany	Marine Science
Herds, Robert	United States	Genetics
Julien, Pierre	United States	Civil Engineering
Koslowsky, Vernon	Germany	Nuclear Physics
Lafrance, Paul	France	Physics
Lalonde, François	France	Mathematics
Legge, Raymond	United States	Biology
Mackenzie, Peter	United States	Organic Chemistry
Maltman, Kim	United States	Theoretical Physics
Mann, Robert	United States	Physics
Matlashewski, Gregory	England	Molecular Biology
Melancon, Paul	Germany	Biology
Miller, Robert	France	Chemical Physics
O'Shea, Donal	France	Mathematics
Smith, Bruce	United States	Entomology
Soderholm, Lynda	France	Physics
Sweet, Gaye	Germany	Bacteriology
Vincent, Dwight	Mass. Inst. of Technology	Upper Atmosphere Physics
Wildeman, Alan	France	Genetics

7.4 Visiting Fellowships in Canadian Government Laboratories/ Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

Name/Nom	Field/Domaine
Agriculture Canada	
Catroux, G.	Géologie et minéralogie
Forsyth, S.F.	Biology
Giles, B.E.	Genetics
Holbrook, L.A.	Genetics
Holden, D.W.	Plant Pathology
Irvin, J.E. *	Biotechnology
Kelleher, C.A.	Biochemistry
Klimaszewska, K.K. *	Plant Science
Lenoir, C.	Agronomie
Lord, D.	Agronomie
Meijer, E.G.M. *	Genetics
Muir, A.D.	Plant Physiology
Newberry, R.C.	Animal Science
Rutherford, F.S.	Plant Pathology
Shaw, A.E.S.	Chemistry
Swartz, M.J. *	Biotechnology
Tennessen, T.	Animal Science
Wheatcroft, R.G.L. *	Microbiology
Atomic Energy of Canada Ltd./Energie atomique du Canada Ltée	
Aubin, R.	Biologie moléculaire
Bougault, R.	Physique
Clifford, E.T.H.	Nuclear Physics
Franklin, K.J.	Chemistry
Jackman, J.A.	Materials Science
Köppel, T.J.	Nuclear Physics
Solomah, A.G.	Chemical Engineering
Communications Canada	
Fondacaro, R.A.	Psychology
Smith, B.J.	Psychology

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* Visiting Fellowships in Biotechnology/Bourses de recherche scientifique en biotechnologie

7.4 Visiting Fellowships in Canadian Government Laboratories (continued)/ Bourses de recherche scientifique dans les laboratoires du gouvernement canadien (suite)

Name/Nom	Field/Domaine
Energy, Mines and Resources Canada/Energie, Mines et Ressources Canada	
Anderson, R.G.	Geology
Asudeh, I.	Physics & Geology
Atkinson, G.M.	Civil Engineering
Biner, S.B.	Metallurgy
Chandrasekhar, S.	Computer Science
Gauthier, R.P.	Astronomy
Grieve, G.R.	Astronomy
Hill, P.R.	Geology
Horler, D.N.H.	Plant Physiology
Jamieson, H.E.	Geology
Kalmanovitch, D.P.	Materials Science
Kirsch, F.	Geophysics
Ozsoy, I.C.	Mechanical Engineering
Petrachenko, W.T.	Physics
Singh, K.P.	Electrical Engineering
Smol, J.P.	Marine Science
Stephenson, R.A.	Geophysics
Stoffyn-Egli, P.	Marine Science
Trudel, J.	Radiation and Solid State Chemistry
Villinger, H.W.	Geophysics
Vladut, T.I.	Civil Engineering
Williamson, M.A.	Geology
Yumura, M.	Chemical Engineering
Zwinkels, J.C.M.	Physical Chemistry
Environment Canada/Environnement Canada	
Bird, G.A.	Soil Science
Bloxam, R.M.	Meteorology
Bowen, A.J.	Meteorology
Condal, A.R.	Astronomy
Diamond, G.L.	Physics
Essex, G.C.R.	Upper Atmosphere Physics
Guiot, J.F.	Météorologie
Haas, J.	Water
Ibrahim, M.F.K.	Environmental Sciences
Joe, P.I.	Physics
Kahma, K.K.	Geophysics
Knox, J.L.	Meteorology
McArthur, I.J.B.	Environmental Sciences
Mitchell, L.A.	Forest Pathology
Niewiadomski, M.	Physics & Meteorology
Pudydiewicz, J.	Physics & Meteorology
Ramanathan, Y.	Meteorology
Ribo, J.M.	Organic Chemistry
Royer, L.	Océanographie
Sang, S.	Environmental Sciences
Soon, Y.K.	Environmental Sciences
Tsonis, A.	Meteorology
Wannamaker, B.W.	Oceanography
Zagorska-Marek, B.M.	Biology

7.4 Visiting Fellowships in Canadian Government Laboratories (continued)/ Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

Name/Nom	Field/Domaine
Fisheries and Oceans Canada/Pêches et Océans Canada	
Ap Rheinallt, T.	Ecology & Pedology
Bates, S.S.	Oceanography
Bower, S.M.	Parasitology
Chan, Y.H.	Oceanography
Cota, G.F.	Oceanography
Juniper, S.K.	Microbiology
Kruse, G.H.	Oceanography
Lawton, P.	Fisheries
Lee, K.	Water
Lobel, P.B.	Marine Ecology
Mace, P.M.	Fisheries
Mallet, A.J.E.	Genetics
McCormick, S.D.	Physiology
Moinet, A.	Océanographie
Moriyasu, M.	Oceanography
Myers, R.A.	Fisheries
Nemec, A.F.	Statistics
Quinn, T.P.	Fisheries
Reist, J.D.	Fisheries
Richards, L.J.	Marine Ecology
Rombough, P.J.	Biology
Stacey, M.W.	Oceanography
Stoss, J.H.	Fisheries
Takayanagi, K.	Oceanography
Thompson, A.B.	Marine Science
Verspoor, E.	Biology
Walczak, B.Z.	Fisheries
Health and Welfare Canada/Santé et Bien-être social Canada	
Hanham, A.F.	Zoology
Hugenholtz, A.P.	Biophysics
Ramaswamy, S.	Organic Chemistry
Sithole, B.B.	Organic Chemistry
National Defence/Défense nationale	
Archambault, P.	Chimie physique
Chandrasekhar, S.	Physics
Imber, B.E.	Oceanography
Jambulingam, N.	Management Sciences
Kovacs, J.	Computer Science
McLellan, T.M.	Biology
Rodrigue, A.	Chimie
Singh, M.S.	Chemistry
Taymaz, A.	Nuclear Physics
Thériault, J.M.	Physique
Underdown, A.W.	Chemistry
Voltolina, D.	Oceanography

7.4 Visiting Fellowships in Canadian Government Laboratories (continued)/ Bourses de recherche scientifique dans les laboratoires du gouvernement canadien (suite)

Name/Nom	Field/Domaine
National Museums of Canada/Musées nationaux du Canada	
Weston, M.L.	Zoology
National Research Council Canada/Conseil national de recherches Canada	
Ali, Emesh, I.	Physical Chemistry
Butler, E.C.V.	Oceanography
De Silva, K.N.	Chemistry
Dussault, R.A.	Génie chimique
Fontaine, M.	Physique
Grue-Sorensen, G.	Organic Chemistry
Guiot, S.R.C.	Sciences de l'environnement
Hojo, J.	Chemistry
Khan, M.A.	Crystallography
Johnston, L.J.	Chemistry
Makkohen, L.J.	Oceanography
Minhas, B.S.	Chemical Engineering
Nadin-Davis, S.A.	Genetics
Neuman, M.N.	Physics
Nosé, S.	Theoretical Chemistry
Pillon, L.Z.	Chemistry
Rogerson, A.	Marine Ecology
Savidge, R.A.	Biology
Seto-Young, D.L.T.	Microbiology & Immunology
Sprik, M.	Physics & Chemistry
Stephens, C.A.	Agricultural Chemistry
Stewart, I.	Chemistry
Yee, H.K.C.	Astronomy

POOR

QUALITY

ORIGINAL